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CUMULATIVE ANNUAL STATISTICS ALBERTA OIL AND GAS INDUSTRY

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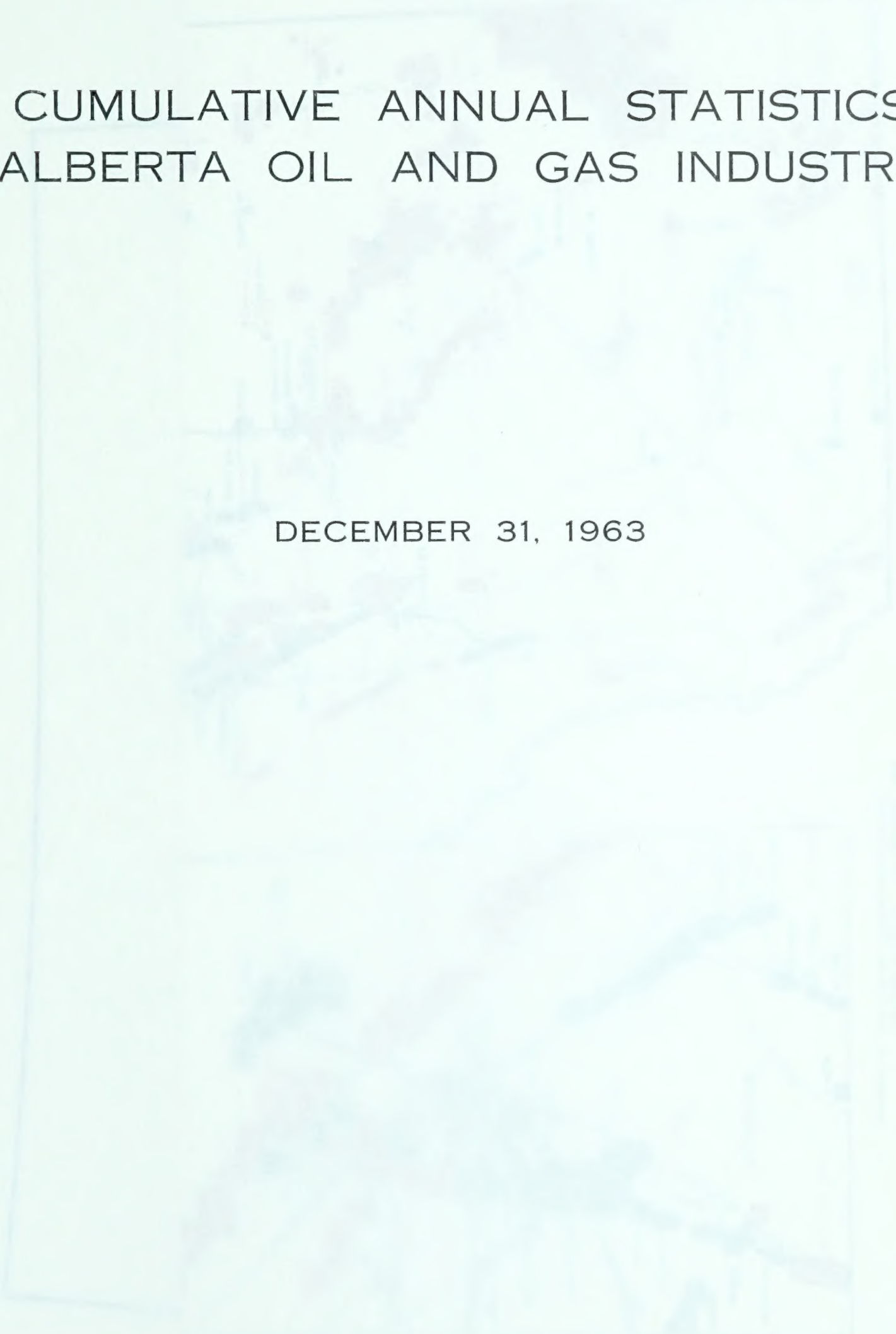


OIL AND GAS CONSERVATION BOARD

603 SIXTH AVENUE SOUTH WEST • CALGARY, ALBERTA



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CUMULATIVE ANNUAL STATISTICS ALBERTA OIL AND GAS INDUSTRY

DECEMBER 31, 1963

OIL AND GAS CONSERVATION BOARD

603 SIXTH AVENUE SOUTH WEST • CALGARY, ALBERTA

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MAP OF
ALBERTA

SHOWING
DESIGNATED AND DELINEATED OIL AND GAS FIELDS
OIL AND GAS PIPELINES, REFINERIES, GAS PLANTS,
PRINCIPAL TOWNS AND CITIES

LEGEND

- OIL FIELDS.....
- OIL REFINERIES.....
- OIL PIPELINES.....
- GAS FIELDS.....
- GAS PLANTS.....
- GAS PIPELINES.....
- PRODUCTS LINES.....

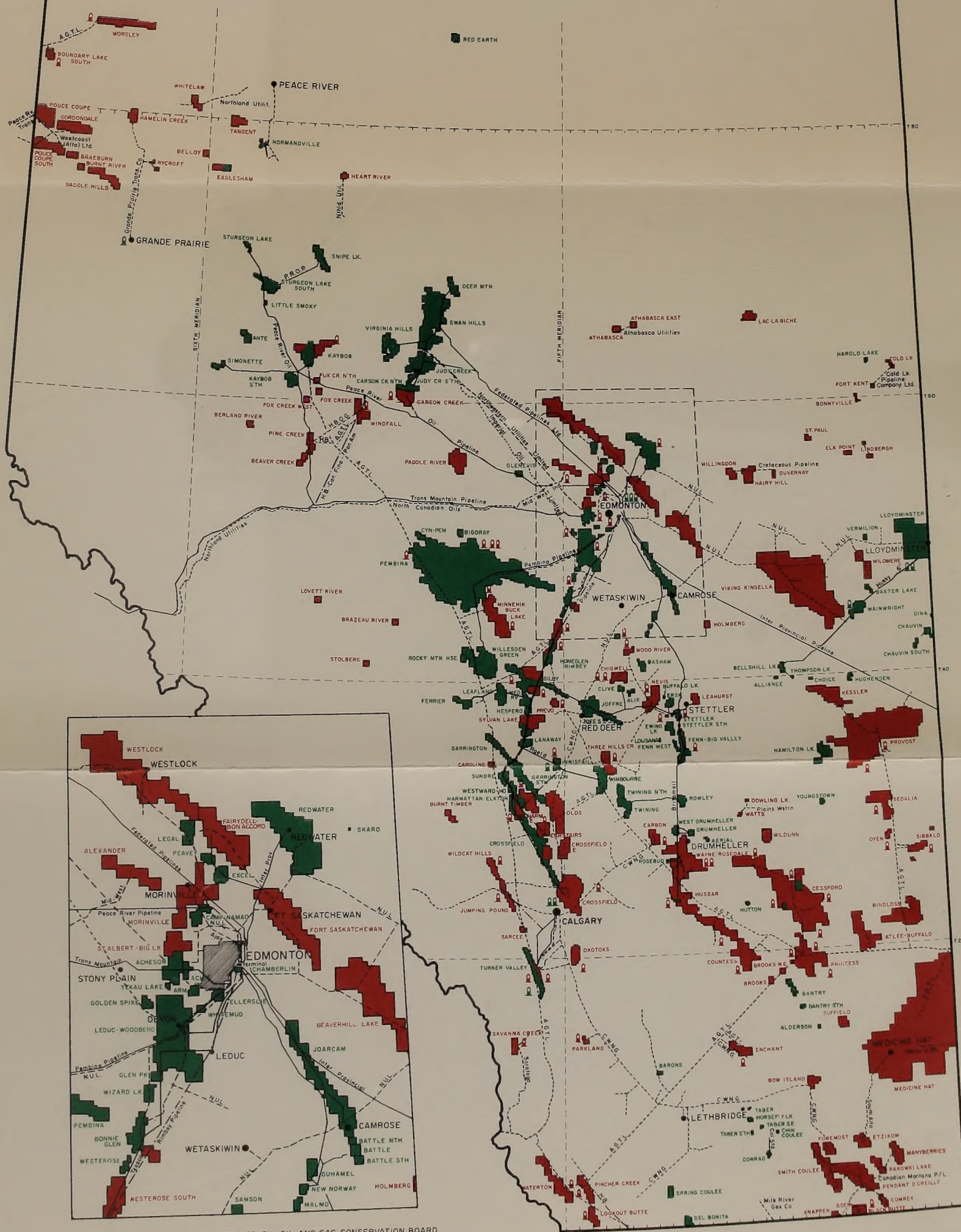


TABLE OF CONTENTS

	<u>PAGE</u>
PRODUCTION	
CRUDE OIL PRODUCTION 1914 - 1963	2
CRUDE OIL PRODUCTION BY FIELDS	3
RAW GAS PRODUCTION 1922 - 1963	20
RAW GAS RESERVOIR WITHDRAWALS BY FIELDS	21
WATER PRODUCTION 1914 - 1963	48
WATER PRODUCTION AND DISPOSED TO FORMATION BY FIELDS	49
CONDENSATE PRODUCTION 1914 - 1963	74
CONDENSATE PRODUCTION BY FIELDS	75
PENTANES PLUS PRODUCTION 1914 - 1963	81
PROPANES PRODUCTION 1914 - 1963	84
BUTANES PRODUCTION 1914 - 1963	85
SULPHUR PRODUCTION 1953 - 1963	86
DISPOSITION	
FIGURE 1 ANNUAL SALES OF OIL - CHART	87
COMPARATIVE STATEMENT OF CONDENSATE, CRUDE OIL AND PENTANES PLUS DISPOSITION	88
REFINERY RECEIPTS 1954 - 1963	89
FIGURE 2 DISPOSITION OF NATURAL GAS - CHART	90
COMPARATIVE STATEMENT OF NATURAL GAS DISPOSITION	91
PRODUCTION, DISPOSITION AND CONSUMPTION OF ALBERTA NATURAL GAS	92
MARKETABLE GAS WITHDRAWALS FROM THE PROVINCE	93
COMPARATIVE STATEMENT OF WATER DISPOSITION	94
FIGURE 3 ANNUAL SALE OF PROPANE & BUTANES - CHART	95
COMPARATIVE STATEMENT OF PROPANE DISPOSITION	96
COMPARATIVE STATEMENT OF BUTANE DISPOSITION	97
COMPARATIVE STATEMENT OF SULPHUR DISPOSITION	98
MISCELLANEOUS	
COMPARATIVE CAPABLE WELL COUNT	99
DRILLING ACTIVITY 1954 - 1963	102
ANNUAL DRILLING ACTIVITY - LAHEE CLASSIFICATION SYSTEM	103
COMPARATIVE STATEMENT OF CRUDE OIL POSTED WELL- HEAD PRICES	104

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	<u>AVERAGE DAILY PRODUCTION</u>	<u>ANNUAL PRODUCTION</u>	<u>CUMULATIVE PRODUCTION</u>
1914 - 1923	-	-	65,101
1924	13	4,621	69,722
1925	471	171,934	241,656
1926	582	212,315	453,971
1927	894	326,458	780,429
1928	1,345	492,371	1,272,800
1929	2,736	998,557	2,271,357
1930	3,958	1,444,748	3,716,105
1931	3,957	1,444,454	5,160,559
1932	2,509	918,154	6,078,713
1933	2,266	827,003	6,905,716
1934	2,333	851,725	7,757,441
1935	2,102	767,287	8,524,728
1936	1,962	718,068	9,242,796
1937	5,862	2,139,705	11,382,501
1938	17,018	6,211,667	17,594,168
1939	19,991	7,296,705	24,890,873
1940	22,462	8,221,035	33,111,908
1941	26,344	9,615,521	42,727,429
1942	26,943	9,834,080	52,561,509
1943	25,242	9,213,379	61,774,888
1944	22,788	8,340,540	70,115,428
1945	20,939	7,642,900	77,758,328
1946	18,368	6,704,322	84,462,650
1947	17,485	6,382,065	90,844,715
1948	28,702	10,504,928	101,349,643
1949	54,158	19,767,845	121,117,488
1950	74,382	27,149,369	148,266,857
1951	125,796	45,915,403	194,182,260
1951 - CUMULATIVE OIL PRODUCTION			185,261,652
1952	160,753	58,835,668	244,097,320
1953	210,142	76,701,749	320,799,069
1954	239,983	87,593,623	408,392,692
1955	309,185	112,852,514	521,245,206
1956	392,652	143,710,656	664,955,862
1957	374,745	136,781,964	801,737,826
1958	308,226	112,502,546	914,240,372
1959	352,945	128,824,994	1,043,065,366
1960	356,531	130,490,361	1,173,555,727
1961	432,228	157,763,273	1,331,319,000
1962	452,394	165,123,806	1,496,442,806
1963	460,860	168,213,789	1,664,656,595

N. B. CONDENSATE INCLUDED IN PRODUCTION TO 1951

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

FIELD	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
ACHESON												
BLAIRMORE	37,460	19,712	6,786	15,326	8,460	9,325	11,830	5,497	10,553	13,225	16,364	154,538
"A"	-	3,146	15,316	6,000	-	1,106	-	-	-	-	-	25,568
"B"	-	37,562	37,968	34,136	28,496	25,099	21,951	17,785	19,857	14,685	15,311	252,850
"C"	-	-	-	-	-	-	-	-	-	13,451	12,775	26,226
"D"	-	-	-	-	-	-	-	-	-	-	6,334	6,334
"E"	-	-	-	-	-	-	-	-	-	-	4,272	4,272
"F"	-	-	-	-	-	-	-	-	-	-	86,817	1,455,486
"G"	-	-	-	-	-	-	-	-	-	-	9,872	74,275
OTHER	59,842	12,333	14,667	10,210	9,447	7,398	7,645	7,204	6,806	2,422	4,272	142,246
D-C NORTH	201,480	160,333	137,038	145,181	138,895	119,139	131,677	120,458	119,815	94,653	86,817	1,455,486
OTHER	3,844	490	-	-	-	10,989	13,155	12,845	13,183	9,897	9,872	74,275
D-3	5,181,630	2,522,656	2,486,752	2,368,650	2,161,429	1,520,840	1,870,546	1,588,656	2,084,845	2,393,643	2,276,872	26,456,519
TOTAL	5,484,256	2,756,232	2,698,527	2,579,503	2,346,727	1,693,896	2,056,804	1,752,445	2,255,059	2,541,976	2,428,617	28,594,042

ACHESON EAST

BLAIRMORE "A"	3,185	53,524	58,976	53,566	53,452	74,752	83,898	78,961	80,095	68,211	67,006	675,626
BLAIRMORE "B"	3,185	53,524	58,976	53,566	53,452	74,752	83,898	78,961	80,095	68,211	67,006	675,626
TOTAL	3,185	53,524	58,976	53,566	53,452	74,752	83,898	78,961	80,095	68,211	67,006	675,626

AERIAL

MANNVILLE	-	-	-	-	535	25,797	48,833	73,804	88,051	78,045	315,065
ALDERSON											

MANIVEL

ALLIANCE

BEAVERHILL LAKE

[illegible]

BANTRY

MANVILLE	114,066	49,436	48,706	46,679	51,440	89,708	160,276	191,689	229,895	270,692	338,653	1,591,240
BARONS												

2

[illegible]

CRUDE OIL PRODUCTION 1914 - 1963 (BARRELS AT 60° F.)												
	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>BASHAW</u>												
D-2	-	-	-	-	-	-	-	-	-	224	30,148	30,372
IRETON	-	-	-	-	-	-	-	-	-	-	9,844	9,844
D-3	102,860	39,111	48,294	47,608	42,600	40,064	41,712	39,747	41,052	31,862	79,796	554,706
TOTAL	102,860	39,111	48,294	47,608	42,600	40,064	41,712	39,747	41,052	32,086	119,788	594,922
<u>BATTLE</u>												
VIKING	53,856	84,105	116,642	108,406	95,980	75,833	63,207	56,014	45,125	34,981	27,235	761,384
<u>BATTLE NORTH</u>												
VIKING	-	3,645	35,751	36,698	37,190	32,398	25,511	25,863	25,957	23,504	21,123	267,640
<u>BATTLE SOUTH</u>												
VIKING	-	-	173,705	135,104	125,617	107,748	91,603	77,944	64,033	53,858	44,624	874,236
<u>BAXTER LAKE</u>												
SPARKY	69,696	34,199	33,912	24,280	24,382	26,875	28,406	32,192	30,218	27,078	7,898	339,136
<u>BELLSHILL LAKE</u>												
BLAIRMORE	-	-	-	183,750	585,868	814,257	988,343	898,622	921,814	922,268	827,303	6,142,225
<u>BIGORAY</u>												
OSTRACOD	-	-	-	-	-	-	5,741	89,547	125,076	150,308	185,762	556,434
<u>BONNIE GLEN</u>												
CARDIUM	-	-	5,310	11,239	17,446	41,261	42,792	50,451	61,799	85,079	141,227	456,604
D-2	-	-	-	-	-	6,210	20,235	11,705	5,965	3,211	4,955	52,281
D-3 "A"	6,294,205	6,960,330	7,826,622	10,279,168	8,158,675	4,178,016	5,887,981	5,002,591	6,275,958	8,626,814	7,459,578	76,949,938
TOTAL	6,294,205	6,960,330	7,831,932	10,290,407	8,176,121	4,225,487	5,951,008	5,064,747	6,343,722	8,715,104	7,605,760	77,458,823
<u>BONNYVILLE</u>												
COLONY	76,106	42,530	37,100	27,496	9,657	309	-	-	-	-	-	193,198
<u>BUFFALO LAKE</u>												
D-3	-	-	-	-	-	-	-	-	386,922	172,230	137,183	696,335
<u>CAMPBELL-NAMAO</u>												
BLAIRMORE CAMPBELL "A"	193,863	44,002	59,985	64,175	52,071	44,039	42,968	70,780	63,510	49,928	47,470	732,791
"B"	17,619	2,214	1,777	1,236	2,220	1,640	934	877	1,733	3,062	2,446	35,758
NAMAO "A"	126,352	56,040	48,507	44,144	37,685	35,106	28,050	29,056	23,865	48,336	51,805	528,946

CRUDE OIL PRODUCTION 1914 -- 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953	CAMPBELL-NAMAO (CONT'D)										
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
BLAIRMORE NAMAO "C" "D"	14,823	322	2,151	8,452	7,985	10,207	10,572	11,320	11,033	11,321	99,157
	--	--	--	--	--	--	7,344	9,874	7,656	6,787	39,981
TOTAL	102,578	112,420	118,007	99,961	90,992	91,243	118,629	110,302	120,015	119,829	1,436,633
CARBON											
GLAUCONITIC	--	--	--	--	--	680	--	--	--	--	680
	--	--	--	--	--	--	--	--	--	--	--
CAROLINE	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	10,300	(190)	5,270	23,396	28,666
TOTAL	--	--	--	--	--	--	10,300	(190)	5,270	23,396	38,776
CARSON CREEK											
BEAVERHILL LAKE "B"	--	--	--	--	--	2,102	2,144	--	--	--	4,246
	--	--	--	--	--	--	--	--	--	--	--
CARSON CREEK NORTH											
BEAVERHILL LAKE "A" "B"	--	--	--	--	--	6,115	151,785	351,152	476,614	445,041	1,430,707
	--	--	--	--	4,719	24,201	219,203	558,280	948,038	949,199	2,703,640
TOTAL	--	--	--	--	4,719	30,316	370,988	909,432	1,424,652	1,394,240	4,134,347
CESSFORD											
COLORADO "B" "C" "D"	88,264	267,319	233,007	193,418	81,418	77,782	138,647	149,019	126,766	111,522	1,588,784
	--	--	--	--	392	145,030	160,999	154,482	155,265	162,096	778,264
BLAIRMORE "A" "B" "C" "D" "E"	--	--	--	--	5,537	11,150	10,746	10,964	12,117	9,703	60,217
	--	--	--	--	--	--	--	330	--	--	330
PEKUSKO	1,045	--	--	--	4,206	8,515	9,161	9,349	6,402	3,989	42,667
	1,620	--	--	--	13,553	135,717	137,343	122,269	97,080	98,087	605,669
TOTAL	5,396	--	--	6,110	15,735	30,361	31,978	32,339	34,208	47,062	207,597
	--	--	--	--	--	--	--	--	2,183	10,238	12,421
TOTAL	96,345	67,319	233,007	197,826	120,841	408,555	428,874	433,461	435,465	443,457	3,302,892
CHAMBERLAIN											
BLAIRMORE	52,915	21,265	8,158	1,485	9,494	6,742	6,363	5,243	--	3,646	124,538
LHAUVIN											
MANNVILLE MAIN OTHER	91,302	151,082	163,721	166,999	138,636	135,536	132,582	128,310	88,350	119,457	1,459,063
	--	993	5,506	4,585	5,729	5,503	4,733	6,735	5,212	5,408	49,156
TOTAL	91,302	152,075	169,227	171,584	144,365	141,039	137,315	135,045	93,562	124,865	1,508,219

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL	
CHAUVIN SOUTH												
MANNVILLE	7,858	10,594	9,268	10,136	4,135	6,554	6,505	2,257	6,213	6,058	5,652	75,230
CHIGWELL												
VIKING	-	-	-	-	-	-	-	-	-	-	1,740	1,740
D-2 "A"	-	1,496	12,413	11,212	10,592	9,074	8,289	7,968	11,587	13,088	85,719	85,719
"B"	-	-	-	-	-	15,802	9,763	6,292	3,385	2,117	37,359	37,359
TOTAL	-	1,496	12,413	11,212	10,592	24,876	18,052	14,260	14,972	16,945	124,818	124,818
CHIN COULEE												
BASAL MANNVILLE	-	-	-	-	-	-	19,307	27,109	50,970	43,848	141,234	141,234
CHOICE												
BLAIRMORE	-	-	-	-	292	19,545	47,094	14,217	19,048	43,915	144,111	144,111
CLIVE												
D-2 "A"	68,083	35,205	34,062	27,264	29,313	24,132	28,698	29,259	16,422	20,135	337,036	337,036
"B"	-	-	-	-	-	-	-	-	-	12,808	12,808	12,808
D-3	117,637	167,639	193,858	222,703	208,835	190,768	165,725	163,850	117,973	155,606	1,963,523	1,963,523
TOTAL	185,720	202,844	227,920	249,967	238,148	214,900	194,423	193,109	134,395	188,549	2,313,367	2,313,367
CONRAD												
ELLIS	1,417,130	117,230	104,290	87,989	83,719	78,157	70,978	39,696	50,699	62,055	2,207,483	2,207,483
CROSSFIELD												
CARDIUM	-	-	9,365	44,206	39,120	60,288	611,608	1,509,066	2,022,454	1,960,621	6,256,728	6,256,728
JUMPING POUND	-	-	-	-	-	-	-	8,418	5,417	4,895	18,730	18,730
TOTAL	-	-	9,365	44,206	39,120	60,288	611,608	1,517,484	2,027,871	1,965,516	6,275,458	6,275,458
CYN-PEM												
CARDIUM	-	-	-	-	-	-	-	-	-	181,182	181,182	181,182
DEER MOUNTAIN												
BEAVERHILL LAKE	-	-	-	-	-	1,338	112,220	143,854	190,306	484,171	931,889	931,889
DEL BONITA												
RUNDLE	175,709	38,747	32,456	29,016	26,110	23,408	23,587	21,242	19,172	17,873	430,768	430,768
DINA												
SPARKY	72,652	9,100	11,319	5,098	12,124	10,618	10,855	5,158	12,180	10,554	172,952	172,952

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO
DEC. 31, 1953

DRUMHELLER

BLAIRMORE
D-2

BLAIRMORE
D-3

TOTAL

DUHAMEL

D-2
D-3

NORTH
SOUTH

TOTAL

EAGLESHAM

D-3

ELLERSLIE

BLAIRMORE
ELLERSLIE

TOTAL

ERSKINE

D-2

D-3

TOTAL

EWING LAKE

D-2

D-3

TOTAL

EXCELSIOR

BLAIRMORE
D-2

TOTAL

FAIRYDELL BON ACCORD

D-2
FAIRYDELL

D-3
FAIRYDELL

TOTAL

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
15,532	3,525	4,628	5,486	7,875	4,413	654	-	-	-	-	42,113
454,076	273,733	267,742	287,815	236,938	188,153	194,207	168,764	185,050	175,418	167,477	2,599,373
-	-	-	-	-	-	-	-	-	38,292	102,742	141,034
469,608	277,258	272,370	293,301	244,813	192,566	194,861	168,764	185,050	214,790	271,865	2,785,246
407,763	247,708	330,875	351,587	331,327	226,054	215,941	178,968	184,593	180,500	175,063	2,830,379
659,945	290,302	268,699	284,504	239,541	168,901	185,805	162,895	202,150	204,705	192,708	2,860,155
-	-	-	11,929	32,330	14,689	8,547	7,470	7,478	6,790	6,087	95,320
1,067,708	538,010	599,574	648,020	603,198	409,644	410,293	349,333	394,221	391,995	373,858	5,785,854
-	-	-	-	-	-	36,203	63,816	60,037	70,060	85,270	315,386
107,362	45,978	37,651	31,209	25,278	11,069	7,008	7,096	17,172	18,928	19,266	328,017
-	-	-	-	-	-	-	-	-	-	1,186	1,186
107,362	45,978	37,651	31,209	25,278	11,069	7,008	7,096	17,172	18,928	20,452	329,203
48,897	201,102	567,184	997,773	1,238,025	1,225,780	1,247,091	1,246,316	1,241,249	23,983	20,015	105,190
48,897	201,102	567,184	997,773	1,238,025	1,225,780	1,260,449	1,262,579	1,272,820	978,409	956,066	10,009,084
11,207	29,955	26,771	19,035	15,323	13,438	10,984	11,074	9,659	8,931	6,820	163,197
10,849	11,227	15,985	14,087	14,083	13,213	14,756	17,815	53,636	20,048	68,064	88,112
22,056	41,182	42,756	33,122	29,406	16,651	25,740	28,889	63,295	151,655	130,764	424,091
-	340	-	-	-	-	-	-	-	-	705,648	675,400
2,389	800	-	-	-	-	-	-	766	-	-	340
2,389	1,163,643	1,024,643	1,004,637	758,650	488,622	556,412	478,366	534,262	634,016	510,234	10,331,078
2,389	1,163,643	1,024,643	1,004,637	758,650	488,622	556,412	478,366	534,262	634,016	510,234	10,331,078
241,570	114,104	95,361	78,087	58,565	45,290	29,716	34,295	26,246	18,628	19,567	761,429
-	10,175	73,023	68,078	68,350	72,233	74,697	64,201	69,149	68,030	67,439	635,375
322,412	312,045	555,028	572,089	511,662	384,904	408,797	367,929	409,723	410,442	392,098	4,647,129

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CRUDE OIL PRODUCTION 1914 - 1963 (BARRELS AT 60° F.)												
	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
FENN BIG VALLEY												
D-2	4,197,340	6,376,879	7,326,935	7,547,057	7,207,120	5,049,070	5,667,278	4,966,459	5,602,011	5,560,097	5,192,938	64,693,184
D-3	249,324	102,157	108,166	107,278	106,896	106,210	103,665	105,612	103,288	86,206	88,331	1,267,133
BIG VALLEY NORTH	-	7,228	15,635	15,342	15,183	15,063	13,879	15,188	15,370	12,349	12,353	137,590
FENN	3,065	4,539	4,874	3,671	14,064	13,043	14,504	14,312	14,529	10,189	10,621	107,411
FENN NORTH	-	1,930	91,056	355,431	454,472	387,936	400,650	364,516	375,938	331,628	327,860	3,091,417
OTHER	5,548	-	-	-	-	-	-	-	-	-	-	5,548
TOTAL	4,455,277	6,492,733	7,546,666	8,028,779	7,797,735	5,571,322	6,199,976	5,466,087	6,111,136	6,000,469	5,632,103	69,302,223
FENN WEST												
D-2	-	-	-	-	-	-	-	-	32,460	269,901	357,146	659,507
FERRIER												
VIKING	-	-	50,275	80,977	54,954	70,174	69,903	70,408	94,231	103,616	102,618	697,156
CARDIUM "A"	-	-	-	-	-	-	-	-	-	-	1,166	1,166
"B"	-	-	-	-	-	-	-	-	8,943	14,880	13,815	37,638
"C"	-	-	-	-	-	-	-	-	-	-	2,520	2,520
TOTAL	-	-	50,275	80,977	54,954	70,174	69,903	70,408	103,174	118,496	120,119	738,480
GARRINGTON												
CARDIUM "A" AND "B"	-	3,759	8,893	22,234	30,800	89,402	301,987	421,208	650,546	895,645	913,942	3,338,416
GARRINGTON SOUTH												
CARDIUM	-	-	-	-	-	4,608	18,360	18,309	36,147	183,623	256,537	517,584
GILBY												
BELLY RIVER	-	-	-	-	-	-	-	-	-	-	12,642	12,642
VIKING "A"	6,508	51,614	96,641	416,718	1,000,045	967,162	1,093,129	1,333,700	1,283,952	1,169,949	908,516	8,327,934
"B"	-	-	-	-	-	-	-	-	-	39,659	157,398	197,057
BLAIRMORE "B"	-	-	-	-	40,211	68,585	73,151	73,906	76,710	79,309	82,941	494,813
JURASSIC "B"	-	-	-	-	-	28,241	31,652	35,500	94,779	277,363	568,093	1,035,628
OTHER	-	-	-	-	-	-	-	-	-	35	-	35
RUNDLE "B"	-	-	-	-	-	652	5,143	1,770	1,428	1,751	1,534	12,278
"E"	-	-	-	-	-	-	-	-	-	7,965	27,378	35,343
OTHER	-	-	-	-	-	-	-	-	-	-	49	49
TOTAL	6,508	51,614	96,641	416,718	1,040,256	1,064,640	1,203,075	1,444,876	1,456,869	1,576,031	1,758,551	10,115,779
GLENNEVIS												
BANFF	-	35,549	38,868	57,238	142,108	42,940	84,178	29,586	79,055	222,401	249,773	981,696
GLEN PARK												
BLAIRMORE	18,221	24,795	30,669	34,607	21,555	21,478	15,266	8,682	8,347	10,311	8,898	202,829
D-2	22,183	15,724	15,670	15,905	13,453	7,337	7,258	7,306	2,979	3,783	4,721	116,319
D-3	672,736	424,956	422,087	371,461	307,555	214,804	261,028	225,083	290,617	329,156	330,074	3,855,257
TOTAL	720,140	464,875	468,426	421,973	342,563	243,619	283,552	241,071	301,943	343,250	343,693	4,175,105

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>GOLDEN SPIKE</u>												
D-2 NORTH	48,455	27,235	33,566	22,921	12,558	6,715	5,702	5,703	8,360	5,613	6,690	183,518
SOUTH	78,063	74,994	86,004	94,378	88,525	87,293	83,304	80,776	85,506	59,533	56,059	874,435
D-3 NORTH	46,065	50,828	76,463	58,888	44,608	40,693	37,794	35,278	32,943	33,221	34,377	491,158
SOUTH	4,223,082	2,396,461	3,204,316	3,765,427	2,374,989	736,178	1,631,958	1,395,216	2,725,544	4,124,550	3,604,910	30,252,631
TOTAL	4,465,665	2,549,518	3,400,349	3,941,614	2,520,680	870,879	1,758,758	1,516,973	2,852,353	4,222,917	3,702,036	31,801,742
<u>HAMILTON LAKE</u>												
VIKING	43,784	92,882	128,104	123,621	111,974	91,538	96,310	136,950	234,357	221,302	281,921	1,562,743
<u>HARMATTAN EASI</u>												
BLAIRMORE	-	-	-	-	-	-	-	-	9,288	22,546	22,674	54,508
RUNDLE	-	-	-	-	91,261	472,774	1,086,519	1,474,722	1,902,851	2,250,959	2,477,263	9,756,342
TOTAL	-	-	-	-	91,261	472,774	1,086,519	1,474,722	1,912,139	2,273,505	2,499,937	9,810,857
<u>HARMATTAN ELKTON</u>												
RUNDLE MAIN	-	-	1,201	795,961	1,576,365	1,980,071	1,845,919	1,412,918	2,184,331	2,292,967	2,226,952	14,316,685
<u>HAROLD LAKE</u>												
COLONY	-	-	2,906	5,208	1,349	142	-	-	-	-	-	9,605
<u>HESPERO</u>												
BASAL QUARTZ "B"	-	-	-	-	-	-	-	-	-	-	7,631	7,631
JURASSIC "A"	-	-	-	-	-	-	-	-	4,285	3,129	4,410	11,824
"B"	-	-	-	-	-	-	-	-	-	165	-	165
RUNDLE	-	4,132	19,651	39,638	34,985	37,102	41,237	34,987	37,140	86,524	129,455	464,851
D-2	-	4,460	1,649	-	-	-	-	-	-	-	-	6,109
TOTAL	-	8,592	21,300	39,638	34,985	37,102	41,237	34,987	41,425	89,818	141,496	490,580
<u>HOMECLELL RIMBEY</u>												
D-3	42,784	242,994	414,496	486,896	503,740	540,757	440,210	417,392	566,187	390,672	388,274	4,434,402
<u>HORSEFLY LAKE</u>												
MANVILLE	-	-	-	-	-	-	-	-	-	-	33,566	33,566
<u>HUGHENBURN</u>												
BLAIRMORE NORTH	-	-	-	-	20,362	24,715	11,774	4,196	1,617	8,098	5,622	76,384
SOUTH	-	-	-	-	15,481	12,085	5,119	2,392	-	2,459	7,680	45,216
TOTAL	-	-	-	-	35,843	36,800	16,893	6,588	1,617	10,557	13,302	121,600

CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>HUSSAR</u>												
GLAUCONITIC	"A"	-	-	-	-	-	7,132	4,836	2,801	3,032	2,476	20,277
	"B"	-	-	-	-	-	282	298	-	-	-	580
	"C"	-	-	-	-	1,567	4,249	3,878	2,862	384	-	12,940
	"E"	-	-	-	-	-	7,713	7,372	5,939	5,410	5,850	32,284
	"F"	-	-	-	-	-	6,001	4,757	2,783	2,576	4,141	20,258
OSTRACOD	"G"	-	-	-	-	-	-	-	7,932	12,035	10,719	30,686
	"A"	-	-	-	783	165,652	394,390	411,171	463,815	508,724	505,486	2,450,021
	"C"	-	-	-	-	-	6,789	2,641	634	-	-	10,064
	"H"	-	-	-	-	-	970	2,250	-	-	-	3,220
	"I"	-	-	-	-	-	5,950	3,581	3,431	2,058	58	22,601
BASAL QUARTZ	"A"	-	-	-	1,949	5,574	3,457	3,572	3,308	3,008	1,869	52,113
	"C"	10,934	4,790	6,288	4,816	3,331	8,029	6,867	2,759	226	-	17,881
	"E"	-	-	-	-	-	287	-	-	-	-	287
	"F"	-	-	-	-	-	-	-	722	-	-	2,247
	"G"	-	-	-	-	-	-	1,525	153	-	-	1,075
TOTAL	"H"	-	-	-	-	-	-	922	4,858	5,139	3,868	41,872
	"I"	-	1,468	6,525	7,111	4,912	4,002	3,989	4,812	7,127	1,216	13,155
	"J"	-	-	-	-	-	-	-	-	-	-	-
	"K"	-	-	-	-	-	-	-	-	-	-	-
	"L"	-	-	-	-	-	-	-	-	-	-	-
TOTAL		10,934	4,790	12,813	14,659	181,036	449,251	457,659	506,809	549,719	535,683	2,731,561
<u>HUTTON</u>												
VIKING		-	-	-	-	6,529	34,741	29,279	26,855	84,020	157,487	338,911
<u>INNISFAIL</u>												
BLAIRMORE	"A"	-	-	9,740	16,411	4,568	-	-	-	-	-	30,719
	"B"	-	-	-	170,377	1,240,430	2,252,940	2,256,634	2,524,727	2,843,732	2,723,940	14,019,780
TOTAL		-	-	9,740	186,788	1,244,998	2,259,940	2,256,634	2,524,727	2,843,732	2,723,940	14,050,499
<u>JOARCAM</u>												
VIKING		7,975,826	4,858,743	4,540,276	4,259,153	3,476,187	3,440,524	3,394,695	3,322,581	2,836,722	2,979,331	45,846,916
<u>JOFFRE</u>												
VIKING	"A"	23,814	566,423	3,333,507	3,091,032	3,967,887	4,268,055	4,146,119	3,615,968	2,308,432	1,936,362	28,925,338
	"B"	-	-	-	-	394	393	54	-	13,208	4,876	18,925
D-2	"A"	-	-	-	-	-	9,584	14,550	15,885	12,529	9,666	61,214
	"B"	-	-	-	-	-	2,051,602	2,025,352	2,034,430	2,006,002	1,992,805	11,657,827
TOTAL		28,814	566,423	3,336,196	3,232,421	5,371,895	6,329,641	6,186,082	5,666,283	4,340,171	3,912,709	40,663,374
<u>JOFFRE SOUTH</u>												
VIKING		-	-	31,690	71,230	68,388	36,038	31,203	24,146	23,209	18,584	314,552

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

JUDY CREEK		CUMULATIVE TO DEC. 31, 1953										
		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
BEAVERHILL LAKE WEST	BEAVERHILL LAKE	-	-	-	-	-	126,762	970,522	3,069,968	4,172,672	4,940,232	13,280,156
	BEAVERHILL LAKE	-	-	-	-	-	7,454	87,530	465,979	1,315,767	1,471,077	3,347,807
	TOTAL	-	-	-	-	-	134,216	1,058,052	3,535,947	5,488,439	6,411,309	16,627,963
JUDY CREEK SOUTH												
BEAVERHILL LAKE	BEAVERHILL LAKE	-	-	-	-	-	-	-	42,950	100,460	83,411	226,821
	KAYBOB											
	CADOMIN "B"	-	-	-	-	-	-	-	-	-	-	44,086
BEAVERHILL LAKE "A"	BEAVERHILL LAKE	-	-	-	50,323	407,244	1,207,622	1,986,117	2,409,558	2,482,893	2,616,261	11,160,018
	"B"	-	-	-	-	-	-	-	8,315	13,951	11,664	33,930
	TOTAL	-	-	-	50,323	407,244	1,207,622	1,986,117	2,417,873	2,496,844	2,672,011	11,238,034
KAYBOB SOUTH												
TRIASSIC		-	-	-	-	-	-	-	-	11,318	329,292	340,610
KESSLER												
VIKING		-	11,813	7,580	7,914	6,189	4,942	4,585	4,860	4,376	5,534	67,874
LANAWAY												
CARDIUM	CARDIUM	-	-	-	-	-	-	12,323	57,614	70,744	64,269	204,950
	MANNVILLE	-	-	-	-	-	5,187	12,583	14,955	14,560	14,146	61,431
	TOTAL	-	-	-	-	-	5,187	24,906	72,569	85,304	78,415	266,381
LEAF LAND												
GLAUCONITIC	GLAUCONITIC	-	-	-	-	-	-	-	-	-	7,252	7,252
	VIKING	-	-	4,813	30,737	37,821	38,263	37,283	40,635	10,440	12,307	212,299
	CARDIUM	-	1,065	15,069	6,494	72,623	67,638	64,821	100,311	172,718	403,072	965,490
TOTAL	-	1,065	6,174	19,882	93,661	110,449	105,901	102,174	140,946	183,158	421,631	1,185,041
LEDUC-WOODBEND												
FLAEMORE	CILBERT	865,116	147,915	133,921	132,758	120,961	103,753	79,476	77,579	67,267	65,233	1,935,318
	N WOODBEND "A"	338,030	110,920	78,007	74,295	77,280	63,916	51,887	49,411	43,261	39,127	1,019,178
	N WOODBEND "B"	-	1,074	1,055	2,623	5,404	943	-	-	-	-	12,087
FLAEMORE	W DEVON	57,025	19,443	20,930	18,229	15,983	14,530	12,896	9,738	7,280	8,291	202,638
	"C"	-	910	-	-	-	-	-	-	-	-	910
	"D"	5,323	5,062	11,980	7,138	10,877	6,069	3,590	2,926	583	-	60,135
FLAEMORE	"E"	7,034	5,661	6,373	7,048	6,311	6,683	7,431	8,541	7,555	7,569	76,236
	"F"	1,250	4,176	2,272	1,998	1,549	1,302	3,404	1,884	813	160	21,010
	"G"	4,015	342	-	-	-	-	-	-	-	-	4,357
FLAEMORE	"H"	2,779	-	-	-	-	-	-	-	-	-	2,779
TOTAL	-	-	-	-	-	-	-	-	-	-	-	433

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

(BARRELS AT 60° F.)

CUMULATIVE TO
DEC. 31, 1953

DEC. 31, 1953

LEUC-WOODBEND (CONT'D)

LEGUC-WOODBEND (CONT'D)		CONSOLIDATIVE TO DEC. 31, 1953							1954		1955		1956		1957		1958		1959		1960		1961		1962		1963		TOTAL	
D-2	AM	19,251,212	5,093,744	5,107,704	5,052,894	4,769,737	4,528,763	4,221,459	4,437,030	5,430,063	4,735,523	3,992,037	66,179,891																	
	BM	5,577,198	2,600,857	2,335,615	2,052,016	1,801,404	1,548,237	1,154,179	870,170	661,443	471,473	376,562	19,444,154																	
	CM	470,978	152,844	135,284	110,228	105,643	94,030	72,203	52,335	41,764	16,347	9,342	1,970,993																	
	DM	36,674	10,408	8,788	13,048	22,642	22,338	19,746	15,445	12,651	13,494	11,900	187,134																	
	EM	168,118	62,722	54,913	48,890	38,410	31,575	26,423	33,151	29,439	25,176	23,120	541,937																	
D-3	AM	49,448,084	11,695,769	11,806,816	12,847,789	10,741,798	8,020,496	8,500,526	7,443,535	8,466,891	7,525,893	7,179,001	143,676,598																	
	BM	1,707,616	571,506	629,636	616,265	522,489	391,828	377,210	324,031	268,712	214,440	194,983	5,823,717																	
	CM	209,193	49,906	49,441	54,532	25,931	22,391	12,828	9,590	5,720	-	-	439,582																	
	DM	107,644	27,310	24,815	27,513	23,148	17,010	15,757	13,191	9,637	6,500	3,400	275,925																	
	TOTAL	75,257,294	20,560,789	20,421,285	21,097,718	18,295,291	14,910,033	14,537,527	13,357,163	15,136,404	12,635,305	11,911,153	241,179,967																	

LEGAL

VIKING
MANNVILLE

MANNVILLE

LITTLE SMOKY

LLOYDMINSTER

COLONY
SPARKY

SPARKY

TOTAL

LOUSANA

MACBETH

MANNVILLE

MALMO

BLAIRMORE

BLAIRMORE

0-2 0-3

TOTAL

MEDICINE RIVER

CARDIUM

VIKING

OSTRACOD

BASAL QUARTZ "B"
"C"

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

[illegible]

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953													
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL		
RED EARTH													
GRANITE WASH	-	-	8,748	15,425	29,951	22,205	-	27,570	31,085	10,261	145,245		
REDWATER													
D-3	86,010,949	24,895,984	28,182,265	21,184,682	13,074,440	15,112,108	12,560,447	15,416,554	17,668,512	16,415,660	279,028,133		
ROCKY MOUNTAIN HOUSE													
CARDIUM	-	8,914	66,475	79,401	56,783	47,719	39,127	35,006	34,968	35,231	443,197		
ROSEBUD													
BLAIRMORE	-	-	5,477	41,072	35,558	31,641	28,050	24,910	19,614	19,383	205,705		
ROWLEY													
PEKISKO	-	-	-	-	-	-	12,308	51,842	54,084	48,558	166,792		
RYCROFT													
BLUESKY	-	308	935	1,110	205	-	-	-	-	-	2,558		
GETHING	-	-	-	225	376	-	-	-	-	-	601		
TOTAL	-	308	935	1,335	581	-	-	-	-	-	3,159		
ST. ALBERT-BIG LAKE													
ST. ALBERT D-1	-	-	-	-	5,208	5,439	3,520	5,065	5,524	4,960	29,716		
D-3	134,431	88,998	130,072	107,074	81,384	100,651	88,329	112,916	130,715	121,147	1,166,351		
BIG LAKE D-1	-	-	-	-	10,825	48,517	48,835	46,463	21,136	19,174	194,950		
D-2	-	-	1,955	7,177	80,288	62,512	69,282	80,668	81,658	80,642	464,132		
D-3	-	-	54,423	800,035	116,551	150,697	148,425	220,243	314,192	282,910	2,087,606		
TOTAL	134,431	88,998	186,520	914,236	294,256	367,916	358,511	465,355	553,225	508,833	3,942,755		
ST. PAUL													
BLAIRMORE	-	-	-	-	-	-	-	-	-	-	26		
SAMSON													
BLAIRMORE WEST	14,504	13,478	8,675	13,646	12,151	7,858	6,930	9,478	3,778	2,199	100,566		
SIMONEITE													
D-3	-	-	-	-	5,900	46,455	139,042	657,447	893,587	928,280	2,720,711		
SKARO													
COOKING LAKE	16,371	-	-	-	-	5,385	8,453	5,199	-	5,209	43,281		

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

SYLVAN LAKE (CONT'D)	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
DETROIT "B" "C"	-	-	-	-	-	-	-	-	-	-	5,515	5,515
ELKTON "B" "C"	-	-	-	-	-	-	-	-	-	-	500	500
ELKTON "B" "C"	-	-	-	-	-	-	-	-	-	-	7,153	7,153
ELKTON "B" "C"	-	-	-	-	-	-	-	-	-	-	58,941	58,941
ELKTON "B" "C"	-	-	-	-	-	-	-	-	-	-	184	184
OTHER	-	-	-	-	-	-	-	-	-	-	4,008	4,008
PEKISKO "B" "C"	-	-	-	-	-	-	-	-	-	-	1,698	1,698
PEKISKO "B" "C"	-	-	-	-	-	-	-	-	-	4,501	109,805	114,306
PEKISKO "B" "C"	-	-	-	-	-	-	-	-	-	-	6,234	6,234
PEKISKO "B" "C"	-	-	-	-	-	-	-	11,674	25,994	35,122	47,399	120,189
PEKISKO "B" "C"	-	-	-	-	-	-	-	-	-	-	2,327	2,327
PEKISKO "B" "C"	-	-	-	-	-	-	-	-	-	-	761	761
D-3	-	-	-	-	-	-	-	-	-	16,937	8,499	25,436
TOTAL	-	-	-	-	-	-	-	13,325	31,210	106,904	398,198	549,637
IABER												
BLAIRMORE	1,546,190	114,073	110,519	120,527	139,403	129,180	76,910	94,302	50,827	88,873	117,596	2,623,410
IABER SOUTH												
MANNVILLE	-	-	-	-	-	-	-	-	-	-	55,298	55,298
IABER SOUTH EAST												
MANNVILLE	839	-	-	-	-	-	-	-	-	-	30,063	30,902
THOMPSON LAKE												
BLAIRMORE	-	-	-	-	-	96,786	139,482	116,273	102,558	111,191	105,582	671,872
TURNER VALLEY												
SHALLOW RUNDLE	522,918	2,108	1,599	870	862	846	791	645	834	738	701	532,912
TOTAL	94,903,447	2,129,111	2,045,233	1,758,948	1,574,753	1,444,957	1,337,188	1,193,002	1,147,140	1,150,663	1,187,219	11,127,323
IWINING												
RUNDLE	15,744	6,477	6,161	5,274	5,566	5,333	4,802	5,342	46,253	123,115	164,392	553,064
IWINING NORTH												
RUNDLE BANFF	-	-	-	-	-	-	-	-	681	97,949	112,354	210,984
TOTAL	-	-	-	-	-	-	-	-	-	193	-	193
IWINING SOUTH												
VERMILION												
SHALLOW	1,345,850	1,427	-	-	-	-	-	-	681	98,142	112,354	211,177
TOTAL	-	-	-	-	-	-	-	338	-	-	-	1,347,615

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
VIRGINIA HILLS											
BEAVERHILL LAKE	-	-	-	342	34,408	89,769	988,081	2,444,770	2,673,103	2,883,745	9,114,218
WAINWRIGHT											
WAINWRIGHT	408,131	207,517	678,671	997,105	1,140,954	982,489	749,111	604,518	553,383	176,383	6,621,820
WATERION											
RUNDLE "B"	-	-	-	-	-	2,925	-	-	-	-	2,925
WAYNE-ROSEDALE											
GLAUCONITIC "B"	-	-	-	425	3,608	-	-	-	-	-	4,033
BASAL QUARTZ "B"	12,883	87,492	82,290	73,274	62,470	45,344	42,200	41,960	41,869	38,591	528,373
"C"	-	-	-	-	-	-	-	-	694	46	740
OTHER	-	-	-	-	-	-	-	1,361	2,575	1,668	5,604
TOTAL	-	87,492	82,290	73,699	66,078	45,344	42,200	43,321	45,138	40,305	538,750
WEST-DRUMHELLER											
D-2	550,977	1,066,784	1,198,940	1,245,447	1,104,696	1,149,333	998,808	1,069,883	875,655	849,755	11,067,293
D-3	465	160,903	198,104	215,278	194,724	205,489	180,302	201,142	164,581	156,909	1,810,602
TOTAL	551,442	1,227,687	1,397,044	1,460,725	1,299,420	1,354,822	1,179,110	1,271,025	1,040,236	1,006,664	12,877,895
WESTEROSE											
D-3	1,028,188	1,742,259	2,317,544	1,781,034	784,274	1,156,804	971,208	1,453,808	1,947,638	1,727,816	16,282,766
WESTWARD HO											
RUNDLE	-	124,312	282,676	444,398	491,816	470,302	435,727	411,055	505,890	502,593	3,668,769
WHITECLAW											
PERMO PENN	11,290	-	-	-	-	-	-	-	-	-	11,290
WHITEMUD											
BLAIRMORE	136,018	11,770	13,666	13,175	10,849	9,313	6,372	8,104	6,350	6,259	236,675
WILLESSEN GREEN											
BELLY RIVER "A"	-	-	-	-	-	-	-	-	9,938	53,946	63,884
"B"	-	-	2,503	931	1,224	750	335	21,068	28,889	21,895	77,595
"C"	-	-	-	-	-	-	-	4,018	7,257	8,072	19,347
CARDIUM	-	38,321	193,359	416,809	725,744	709,006	933,506	1,533,056	2,158,896	1,823,218	8,532,055
BASAL QUARTZ	-	-	-	-	-	-	615	-	-	-	615
TOTAL	-	38,321	195,862	417,740	726,968	709,756	934,456	1,558,142	2,204,980	1,907,131	8,693,496

CRUDE OIL PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
WIMBORNE												
D-2	376	767	-	-	-	-	-	-	23,992	73,148	82,548	180,831
D-3	-	645	3,301	28,678	165,403	172,867	140,598	138,625	161,302	156,469	1,048,510	
TOTAL	376	1,412	3,301	10,622	165,403	172,867	140,598	162,617	234,450	239,017	1,229,341	
WINDFALL												
D-3	-	-	-	-	-	-	5,270	23,246	39,444	208,054	276,014	
WIZARD LAKE												
BLAIRMORE "A" "B"	612	-	-	-	2,241	1,321	(993)	-	-	-	-	3,181
D-2	-	-	-	-	713	1,994	(995)	-	-	-	-	1,712
D-3	-	-	-	-	16,831	93,688	96,813	82,431	46,184	40,655	376,602	
TOTAL	4,981,347	3,706,921	3,720,011	4,823,992	4,377,067	2,622,895	2,206,449	3,387,103	4,553,378	4,207,742	40,150,397	
4,981,959	3,706,921	3,720,011	4,823,992	4,377,067	1,583,277	2,719,898	2,301,274	3,469,534	4,599,562	4,248,397	40,531,892	
WOOD RIVER												
D-3	531	82	-	12,892	26,993	17,911	16,899	13,974	12,507	11,027	112,816	
WORSLEY												
TRIASSIC D-3	-	-	-	-	-	-	-	17,454	16,726	16,315	50,495	
TOTAL	-	-	-	-	-	-	-	1,650	119	-	1,769	
YEKAU LAKE	-	-	-	-	-	-	-	19,104	16,845	16,315	52,264	
YOUNGSTOWN												
D-3	-	-	15,930	54,576	62,786	49,355	45,069	42,109	75,701	153,353	143,875	642,754
YOUNGSTOWN												
ARCS	-	-	-	1,340	27,622	45,291	52,464	42,249	27,464	27,769	27,829	252,028
UNDEFINED POOLS												
OIL WELLS	667,05	114,604	291,460	334,373	354,209	419,963	522,155	676,279	791,918	1,244,194	6,043,251	
PROVINCIAL TOTAL												
	7,593,623	11,505,514	143,710,656	136,781,964	110,500,546	125,824,994	130,440,361	157,763,273	165,123,206	164,13,729	1,664,656,595	

RAW GAS PRODUCTION 1922 - 1963
(MSCF AT 14.65 PSIA AND 60° F.)

	<u>AVERAGE DAILY PRODUCTION</u>	<u>ANNUAL PRODUCTION</u>	<u>CUMULATIVE PRODUCTION</u>
CUMULATIVE TO 1939	-	-	1,327,133,974
1940	150,456	55,066,796	1,382,200,770
1941	171,151	62,470,009	1,444,670,779
1942	154,797	56,500,972	1,501,171,751
1943	150,983	55,108,699	1,556,280,450
1944	145,531	53,264,281	1,609,544,731
1945	142,873	52,291,589	1,661,836,320
1946	123,970	45,248,902	1,707,085,222
1947	134,252	49,001,806	1,756,087,028
1948	157,234	57,547,778	1,813,634,806
1949	183,818	67,093,738	1,880,728,544
1950	207,066	75,579,175	1,956,307,719
1951	229,408	83,733,912	2,040,041,631
1952	261,665	95,769,270	2,135,810,901
1953	312,735	114,148,230	2,249,959,131
1954	371,358	135,545,629	2,385,504,760
1955	462,489	168,808,357	2,554,313,117
1956	546,970	200,191,107	2,754,504,224
1957	669,096	244,219,878	2,998,724,102
1958	806,709	294,448,877	3,293,172,979
1959	967,408	353,104,067	3,646,277,046
1960	1,211,481	443,401,926	4,089,678,972
CONVERTED TO 14.65 PSIA			4,016,064,513
1961	1,560,811	569,696,026	4,585,760,539
1962	2,311,827	843,816,821	5,429,577,360
1963	2,758,161	1,006,728,849	6,436,306,209

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963

*(IN MSCF AT 14.65 PSIA AND 60° F.)

FIELD	CUMULATIVE TO DEC. 31, 1954	1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
ACHESON												
VIKING	-	22,696	94,632	99,537	108,431	101,454	99,455	516,733	109,135	70,041	104,070	799,979
BLAIRMORE	87,394	26,513	60,598	19,287	12,022	42,343	18,059	261,424	24,435	14,931	231,256	532,046
NBM	3,898	33,767	17,339	-	3,393	-	-	57,345	-	-	-	57,345
NCM	20,773	30,357	21,747	17,535	11,697	10,400	6,364	116,733	8,623	7,045	7,983	140,384
NOM	-	-	-	-	-	-	-	-	-	366,914	330,000	696,914
NFM	-	-	-	-	-	-	-	-	-	11,789	16,747	28,536
NGM	-	-	-	-	-	-	-	-	-	-	17,774	17,774
OTHER	93,032	35,662	31,042	31,083	27,451	29,948	25,456	268,747	38,782	12,093	20,921	340,543
DETITAL	-	-	-	-	-	-	-	-	-	491,848	392,019	883,867
D-2 NORTH	121,832	78,202	75,575	74,096	53,442	57,243	60,694	511,704	59,122	42,126	43,149	656,101
OTHER	1,444	-	-	-	5,261	6,655	6,238	19,245	6,664	4,948	5,381	36,238
D-3	3,013,091	1,186,270	1,107,707	1,046,987	708,166	853,903	736,587	8,496,262	948,570	1,098,751	1,042,626	11,593,979
TOTAL	3,341,464	1,413,467	1,408,640	1,288,525	929,863	1,101,946	952,853	10,248,893	1,195,331	2,120,486	2,218,996	15,783,706
ACHESON EAST												
BLAIRMORE	23,300	29,244	32,726	35,370	30,489	34,285	31,460	212,970	30,908	29,599	29,581	303,058
NBM	-	-	-	2,713	57,272	84,583	65,511	206,297	64,965	57,671	77,285	406,218
TOTAL	23,300	29,244	32,726	38,083	87,761	118,868	96,971	419,267	95,873	87,270	106,866	709,276
ADEN												
BOW ISLAND	-	-	-	-	-	-	-	-	13,892	95,025	100,078	208,995
BASAL COLORADO	-	-	-	-	-	-	-	-	66,676	299,926	282,341	648,943
MANNVILLE	-	-	-	-	-	-	-	-	-	10,155	-	10,155
SWIFT	-	-	-	-	-	-	-	-	29,816	218,052	228,429	476,297
RUNDLE	-	-	-	-	-	-	671	659	74,861	1,220,245	906,217	2,201,982
TOTAL	-	-	-	-	-	-	671	659	185,345	1,843,403	1,517,065	3,546,372
AERIAL												
MANNVILLE	-	-	-	-	468	34,111	47,155	80,263	69,387	103,334	93,102	346,086
ALDERSON												
MANNVILLE	-	-	-	-	-	-	-	-	-	2,000	11,965	13,965
ALEXANDER												
BASAL COLORADO	-	-	1,061,499	6,688,400	7,536,814	11,998,424	13,753,800	40,300,136	13,777,495	14,555,776	15,353,448	84,011,955
NBM	-	-	-	-	-	-	401,909	344,674	176,041	108,224	94,130	773,069
NCM	-	-	-	-	-	-	-	-	354,966	464,608	154,292	974,566
TOTAL	-	-	1,061,499	6,688,400	7,536,814	11,998,424	14,155,709	40,644,910	14,308,502	15,128,608	15,637,570	85,769,590
ALIX												
NBM	-	-	13,408	27,252	24,012	19,650	13,065	95,634	41,371	1,135	141,090	404,530

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963

*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

	1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
ALLIANCE											
BLAIRMORE	-	-	-	-	-	-	-	2,343	1,427	931	4,701
ANIE CREEK											
BEAVERHILL LAKE	-	-	-	-	-	-	-	-	8,459	143,193	151,652
ARMISIE											
BLAIRMORE	123,804	19,008	17,876	15,246	14,410	14,680	222,047	13,430	9,715	9,263	254,455
AIHABASCA											
BLAIRMORE	469,230	139,274	105,995	97,876	95,914	96,814	1,071,126	102,479	116,566	95,745	1,385,916
AIHABASCA EAST											
D-1	170,643	46,805	59,145	55,980	51,607	54,181	496,438	58,193	55,342	39,413	649,386
AILEE BUFFALO											
VIKING	-	-	-	141,616	550,021	1,319,738	1,975,170	1,406,504	1,201,436	1,302,246	5,885,356
BASAL BLAIRMORE	-	-	-	186,016	251,219	-	429,364	-	-	-	429,364
TOTAL	-	-	-	327,632	801,240	1,319,738	2,404,534	1,406,504	1,201,436	1,302,246	6,314,720
BANTRY											
MILK RIVER	247,719	26,414	23,691	24,603	28,107	27,746	399,082	26,826	27,155	27,941	481,004
MANNVILLE	147,343	41,473	30,253	22,499	70,784	82,106	440,667	82,254	132,644	172,738	842,303
TOTAL	395,062	67,887	53,944	47,102	98,891	109,852	839,749	116,080	166,799	200,679	1,323,307
BANTRY SOUTH											
MANNVILLE	-	-	-	-	-	2,041	2,004	8,225	8,116	11,033	29,373
BARONS											
COLORADO	20,915	14,778	13,263	9,221	6,554	7,894	89,123	8,835	13,174	13,273	124,405
BASHAW											
D-2	-	-	-	-	-	-	-	-	142	24,752	24,894
D-3	194,079	61,232	56,398	50,031	52,099	53,737	505,229	54,690	58,403	199,553	817,875
IRETON	-	-	-	-	-	-	-	-	-	5,649	5,649
TOTAL	194,079	61,232	56,398	50,031	52,099	53,737	505,229	54,690	58,545	229,954	848,418
BATTLE											
VIKING	18,491	24,035	26,168	17,402	12,746	13,752	132,797	9,381	7,882	6,279	156,339

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963

*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

BATTLE NORTH

	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>TOTAL*</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>TOTAL</u>
VIKING	12,364	11,372	10,900	9,701	6,660	11,303	62,130	11,581	6,708	7,820	88,239

BATTLE SOUTH

VIKING	53,772	82,566	39,463	30,372	22,837	20,351	244,872	19,446	16,801	12,777	293,896
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BAXTER LAKE

SPARKY	11,393	6,764	5,889	5,338	4,799	8,687	62,148	10,141	7,589	1,658	81,536
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BEAVERHILL LAKE

VIKING	-	24,144	135,014	148,364	164,048	161,346	621,523	165,202	156,224	154,148	1,097,097
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BELLSHILL LAKE

VIKING	-	-	-	950	-	-	933	-	-	-	933
BLAIRMORE	-	66,924	141,282	205,470	288,406	276,075	960,550	267,441	255,367	224,697	1,708,055
TOTAL	-	66,924	141,282	206,420	288,406	276,075	961,483	267,441	255,367	224,697	1,708,988

BIGORAY

OSTRACOD	-	-	-	-	2,986	82,708	84,151	127,351	171,693	211,188	594,383
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BINDLOSS

VIKING	-	-	1,417,438	4,075,429	5,647,398	5,256,143	16,101,272	6,897,887	8,209,079	11,689,549	42,897,787
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BLACK BUTTE

SECOND WHITE SPECKS	-	-	-	-	-	-	-	-	-	7,894	7,894
BOW ISLAND	-	-	-	-	-	97,781	96,020	296,705	183,514	384,928	961,167
MANNVILLE	-	-	-	-	-	-	-	-	-	8,395	8,395
BASAL COLORADO	-	-	-	-	-	423,544	415,920	1,534,611	1,022,590	1,114,803	4,087,924
SUNBURST " SWIFT	1,696,538	504,618	380,987	451,720	613,377	570,164	4,645,484	833,849	352,046	554,934	6,386,313
SAWTOOTH	1,717,815	811,138	864,532	1,115,611	1,555,367	1,446,958	10,002,004	154,409	1,108,098	607,156	11,571,667
REPRODUCED	-	-	-	-	-	16,729	16,427	42,837	732,338	787,738	1,579,340
TOTAL	4,659,950	1,325,756	1,445,519	1,567,331	1,669,444	559,176	15,175,855	267,411	3,298,586	3,465,845	4,900,700

BONNIE GLEN

VIKING	-	-	-	-	-	-	-	103,584	-	-	103,584
CARDINAL	-	1,110	4,450	9,203	9,940	11,936	37,859	13,728	22,674	45,995	120,256
REPRODUCED	-	-	-	-	-	521,607	512,218	757,973	659,182	584,752	2,514,125
D-2	-	-	-	15,204	75,650	48,464	136,810	30,573	19,054	19,386	205,823
D-3 "A"	6,464,600	1,737,612	6,133,309	3,777,074	4,374,600	3,655,154	40,619,335	4,517,751	6,176,518	5,324,217	66,701,817
"B"	-	-	-	-	-	-	-	280,192	2,803,098	2,271,101	5,354,391
REPRODUCED	-	218,854	633,938	1,298,894	590,489	320,730	3,007,772	-	-	-	3,007,772
TOTAL	12,864,564	6,465,415	12,577,647	4,111,377	9,945,079	4,578,531	44,379,934	5,777,205	7,880,790	50,447,100	118,007,768

RAW GAS RESERVOIR WITHDRAWALS 1922 -- 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
<u>BONNIE GLEN</u>												
RETURNED TO FORMATION		-	1,107,016	1,128,067	568,178	448,696	-	3,193,422	-	-	-	3,193,422
<u>BONNYVILLE</u>												
FISHSCALE COLONY	17,396	-	-	-	-	-	-	17,082	-	-	-	17,082
	381,111	137,060	152,476	147,953	118,803	105,785	131,620	1,153,660	15,724	163,134	162,312	1,631,231
	TOTAL	398,507	152,476	147,953	118,803	105,785	131,620	1,170,744	15,724	163,134	162,312	1,655,912
<u>BOUNDARY LAKE SOUTH</u>												
KISKATINAW "A" "B"	-	-	-	-	-	-	-	-	457,608	4,628,241	1,833,888	6,919,737
	-	-	-	-	-	-	-	-	-	-	973,216	973,216
	TOTAL	-	-	-	-	-	-	-	457,608	4,628,241	2,807,104	7,892,953
<u>BOW ISLAND</u>												
BOW ISLAND REPRODUCED	33,600,000	-	-	-	-	-	-	32,995,200	-	-	-	32,995,200
	4,709,157	1,427,935	1,326,589	1,056,898	354,691	1,465,657	1,071,992	11,207,486	842,631	1,387,703	1,461,570	14,929,297
	TOTAL	38,309,157	1,427,935	1,056,898	354,691	1,465,657	1,071,992	44,202,686	882,638	1,387,703	1,461,570	47,934,597
<u>BOW ISLAND</u>												
RETURNED TO FORMATION	1,173,794	1,155,903	1,315,633	1,432,270	1,281,928	1,216,708	1,522,718	29,351,231	1,724,914	1,718,511	1,649,452	35,004,804
	TOTAL	1,173,794	1,315,633	1,432,270	1,281,928	1,216,708	1,522,718	29,351,231	1,724,914	1,718,511	1,649,452	35,004,804
<u>BROOKS</u>												
MILK RIVER	2,658,178	41,395	48,914	106,378	95,886	91,547	108,480	3,094,064	82,712	96,119	80,086	3,352,981
	TOTAL	2,658,178	48,914	106,378	95,886	91,547	108,480	3,094,064	82,712	96,119	80,086	3,352,981
<u>BROOKS NORTH EAST</u>												
BASAL BLAIRMORE	796,980	186,144	168,305	103,998	113,886	135,381	132,684	1,607,905	156,699	146,757	135,486	2,046,847
	TOTAL	796,980	168,305	103,998	113,886	135,381	132,684	1,607,905	156,699	146,757	135,486	2,046,847
<u>BUFFALO LAKE</u>												
D-3	-	-	-	-	-	-	-	-	162,115	66,782	49,866	278,763
	TOTAL	-	-	-	-	-	-	-	162,115	66,782	49,866	278,763
<u>BURNT TIMBER</u>												
RUNDLE	-	-	-	-	-	-	32,950	32,357	-	-	-	32,357
	TOTAL	-	-	-	-	-	32,950	32,357	-	-	-	32,357
<u>CAMPBELL--NAMAQ</u>												
BLAIRMORE CAMPBELL "A" "B" "C" "D"	380,712	140,196	247,142	248,086	251,311	302,602	675,268	2,204,901	736,475	726,025	1,173,422	4,840,823
	43,046	2,664	26,235	19,721	16,873	11,152	11,303	128,636	17,438	31,784	37,415	215,273
	333,972	98,762	134,492	150,693	204,565	120,255	109,317	1,131,318	52,001	1,323,141	1,350,152	4,116,612
	86,254	14,278	9,121	11,627	11,992	7,870	6,300	144,788	10,417	8,326	8,997	172,528
	TOTAL	843,984	255,900	416,990	430,127	484,741	808,918	3,622,635	1,025,478	2,155,479	2,581,304	9,384,896

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954	CAMPBELL-NAMAO						TOTAL*	1961			TOTAL
	1955	1956	1957	1958	1959	1960		1961	1962	1963	
RETURNED TO FORMATION	34,611	194,991	159,888	184,279	99,827	-	661,471	-	-	-	661,471
CARBON											
GLAUCONITIC	-	-	-	26,575	307,504	400,412	721,269	864,851	578,776	1,776,809	3,941,705
CAROLINE											
VIRKING	-	-	-	-	-	-	-	-	2,798	23,677	26,475
RUNDLE	-	-	-	-	-	147,834	145,172	5,585	-	-	150,757
TOTAL	-	-	-	-	-	147,834	145,172	5,585	2,798	23,677	177,232
CARSON CREEK											
BEAVERHILL LAKE	-	-	-	-	-	-	-	134,921	420,728	18,829,743	19,385,392
MB	-	-	-	-	18,131	20,010	37,454	25,763	125,844	7,257,906	7,446,967
TOTAL	-	-	-	-	18,131	20,010	37,454	160,684	546,572	26,087,649	26,832,359
CARSON CREEK											
RETURNED TO FORMATION	-	-	-	-	-	-	-	-	-	22,993,240	22,993,240
CARSON CREEK NORTH											
BEAVERHILL LAKE	-	-	-	-	22,980	228,492	246,945	521,362	797,198	710,700	2,276,205
MB	-	-	-	4,635	22,293	244,496	27,430	651,640	1,114,458	1,157,216	3,195,744
TOTAL	-	-	-	4,635	51,273	472,988	519,375	1,173,002	1,911,656	1,867,916	5,471,949
CARSLAIRS											
MISSISSIPPIAN	-	-	-	3,557	-	15,636,175	15,367,741	13,454,855	25,256,473	31,407,118	95,486,187
PEKISPO											
GLAUCONITIC	11,324	210,352	7,400	4,000,270	27,235	4,455,534	5,133,260	37,071,504	35,181,251	36,203,363	163,087,944
MB	-	-	243,763	196,149	20,454	475,176	1,797,595	462,686	370,002	225,517	3,005,206
MB	-	-	-	113	87,796	133,083	217,014	166,550	173,695	216,069	773,328
MB	-	-	-	1,105	6,459	6,199	13,515	2,133	3,880	4,161	23,689
PEKISPO	-	-	-	-	-	37,111	46,377	563,507	454,711	576	1,444,554
GLAUCONITIC	-	-	-	-	-	-	-	5,703	4,001	2,089	11,793
MB	-	-	-	-	-	13,719	13,472	123,417	97,912	65,045	299,846
MB	526	-	-	8,597	45,725	1,064,588	1,034,254	8,401,075	9,684,332	9,851,197	29,030,858
MB	567	-	-	16,783	26,824	18,734	53,696	12,607	17,332	8,823	92,458
MB	2,002	8,027	9,820	13,383	198,558	175,230	384,097	167,098	164,798	311,684	1,027,677
MB	-	-	-	13,383	27,471	37,515	96,450	34,768	32,481	42,384	206,083
MB	15,415	13,328	247,819	6,300,000	27,410,000	5,000,000	8,800,000	46,600,000	46,124,976	47,500,000	14,000,000

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
<u>CHAMBERLAIN</u>												
BLAIRMORE		28,822	-	967	7,026	3,646	3,249	46,117	2,797	--	2,620	51,534
<u>CHAUVIN</u>												
MANNVILLE MAIN OTHER		68,341	73,077	78,050	81,764	74,515	60,535	495,450	34,143	21,226	21,374	572,193
		96	--	--	210	282	281	1,055	205	82	103	1,445
TOTAL		68,437	73,077	78,050	81,974	74,797	60,816	496,505	34,348	21,308	21,477	573,638
<u>CHAUVIN SOUTH</u>												
MANNVILLE		13,020	53,941	(2,680)	-	56	315	88,892	(33)	415	667	89,941
<u>CHICHELL</u>												
VIKING		-	--	--	--	--	--	--	--	--	1,242	1,242
MANNVILLE "A"		-	--	--	--	--	--	--	927,998	1,582,521	1,745,104	4,255,623
"B"		-	--	--	--	--	--	--	--	188,846	87,301	276,147
D-2 "A"		-	8,924	10,036	11,999	9,135	9,743	49,644	9,549	11,381	13,591	84,165
"B"		-	-	-	-	15,971	9,940	25,445	6,098	3,908	1,906	37,357
TOTAL		-	8,924	10,036	11,999	25,106	19,683	75,089	943,645	1,786,656	1,849,144	4,654,534
<u>CHIN COULEE</u>												
BASAL MANNVILLE		-	-	-	-	-	-	-	1,726	3,383	2,584	7,693
<u>CHOICE</u>												
BLAIRMORE		-	-	-	37	1,033	4,027	5,005	1,053	1,673	9,105	16,836
<u>CLIVE</u>												
D-2 "A"		156,024	93,838	72,436	56,403	52,195	44,528	547,053	45,295	25,393	29,897	647,638
"B"		--	--	--	--	--	--	--	--	--	15,464	15,464
D-3		271,265	312,915	325,454	304,077	273,939	218,473	1,877,672	209,592	163,221	200,231	2,451,422
TOTAL		427,289	413,753	397,890	360,480	332,134	262,701	2,424,732	254,887	169,314	245,592	3,114,525
<u>COLD LAKE</u>												
COLONY		321,143	323,569	292,049	267,347	243,199	182,725	1,959,696	132,571	124,327	198,298	2,414,892
<u>COMREY</u>												
SECOND WHITE SPECKS BOW ISLAND		-	--	--	--	--	--	--	2,328	12,018	5,845	20,191
		--	--	258,950	1,175,949	2,685,097	2,581,033	6,580,410	2,312,625	1,987,297	1,407,396	12,287,728
TOTAL		-	-	258,950	1,175,949	2,685,097	2,581,033	6,580,410	2,314,953	1,999,315	1,413,241	12,307,919
<u>CONRAD</u>												
ELLIS		-	26,117	24,262	17,881	17,155	8,000	118,976	2,497	3,593	4,487	129,553

COUNTIES	CUMULATIVE TO DEC. 31, 1954												
	1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL		
Bow Island	-	-	-	-	-	151,574	148,845	999,664	760,131	782,158	2,690,798		
BASAL COLORADO	-	-	-	-	-	347,972	341,708	2,915,290	3,167,702	3,529,433	9,954,133		
BLAIRMORE	-	-	-	-	-	106,371	104,456	776,730	584,218	673,517	2,138,921		
TOTAL	-	-	-	-	-	605,917	595,009	4,691,684	4,512,051	4,985,108	14,783,852		
CROSSFIELD													
CARDIUM	-	3,443	16,398	14,561	27,408	289,405	344,892	724,371	1,008,854	1,226,785	3,304,902		
JUMPING POUND	-	-	-	-	-	-	-	4,302	2,538	2,799	9,639		
RUNDLE	-	-	8,942	87,242	-	37,405	131,185	121,840	24,010,938	22,823,462	47,087,425		
CALGARY RUNDLE	-	-	15,111	16,116	27,440	-	57,610	1,336,083	28,405,507	29,717,735	59,516,935		
CALGARY WABAMUN	-	-	4,423	-	44,310	-	47,855	260,684	13,858,260	19,526,226	33,693,725		
TOTAL	-	3,443	44,874	117,919	99,158	326,810	581,542	2,447,280	67,286,097	73,297,707	143,612,626		
CYN. PEM.													
CARDIUM	-	-	-	-	-	-	-	-	-	43,618	43,618		
DEER MOUNTAIN													
BEAVERHILL LAKE	-	-	-	-	355	40,960	40,572	47,197	55,570	121,917	265,256		
DEL BONITA													
RUNDLE	47,160	46,568	49,504	41,575	41,197	65,634	721,073	38,137	32,416	32,831	824,457		
DINA													
SPARKY	-	-	239	10,904	7,711	5,011	23,717	218	-	-	23,935		
DOWLING LAKE													
DETTRITAL	40,862	127,295	101,460	98,859	117,370	108,994	634,818	111,529	106,167	103,624	956,138		
GRIMMELLER													
BLAIRMORE "A" "B"	109,143	34,480	60,627	36,403	6,743	-	283,692	-	-	-	283,692		
0-2 "A" "B"	225,748	90,304	62,018	43,624	48,052	44,645	588,668	49,559	16,480	22,479	38,959		
TOTAL	334,891	144,784	130,645	80,027	54,795	44,645	872,360	49,559	74,033	96,233	1,092,185		
DUGANE													
VIRGIL	-	-	58,842	109,154	110,660	153,442	424,320	37,215	-	-	461,535		
BASAL QUARTZ	259,904	180,031	130,731	81,039	78,341	64,578	1,121,235	-	29,368	75,775	105,143		
0-3 NORTH	261,591	88,395	75,781	57,935	64,459	57,827	667,042	74,904	79,593	82,553	904,092		
TOTAL	521,495	273,101	281,245	255,079	256,407	279,653	2,037,791	188,539	185,517	237,207	2,649,054		

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
DUHAMEL												
RETURNED TO FORMATION												
DUVERNAY												
VIKING		391,516	188,857	73,546	152,002	146,748	78,883	1,293,036	85,651	80,989	124,256	1,583,932
EAGLESHAM												
D-3		-	-	-	-	23,217	45,799	67,774	46,467	50,101	64,164	228,506
ELK POINT												
BLAIRMORE		249,057	51,180	59,642	54,174	61,217	64,352	587,142	71,035	72,794	67,629	798,600
ELLERSLIE												
BLAIRMORE		212,936	24,106	22,899	4,579	1,702	1,508	291,701	17,500	17,695	23,732	350,628
TOTAL		212,936	24,106	22,899	4,579	1,702	1,508	291,701	17,500	17,695	402,362	729,258
ENCHANI												
BASAL BLAIRMORE		-	-	-	-	-	31,516	30,948	223,755	233,145	258,516	746,364
ELKTON		-	-	-	-	-	9,473	8,243	168,521	167,740	137,072	492,351
TOTAL		-	-	-	-	-	60,989	59,890	392,276	395,885	390,594	1,238,715
FRSKINE												
BLAIRMORE		-	48,728	303,780	-	-	-	346,162	-	-	-	346,162
D-2		-	-	-	-	5,809	6,967	12,546	15,012	11,549	9,849	48,956
D-3		103,566	433,831	602,331	616,135	677,531	675,666	3,370,267	636,311	505,656	504,954	4,067,492
TOTAL		108,562	537,560	913,112	616,135	683,341	682,633	3,729,275	701,333	517,205	514,803	5,462,616
ETZIKOM												
Bow Island		-	344,017	3,329,409	3,619,296	3,863,116	4,083,736	14,965,261	3,697,621	3,432,815	6,643,371	34,739,063
EWING LAKE												
D-2 "A"		19,121	8,838	6,312	5,166	4,831	4,296	60,744	3,440	2,945	2,253	69,382
"B"		-	-	-	-	-	-	-	-	9,135	30,981	40,116
D-3		8,880	11,799	11,954	8,580	5,666	9,951	62,943	26,735	57,377	55,178	202,233
TOTAL		28,001	20,637	18,266	13,746	10,497	14,247	122,687	30,175	69,457	88,412	311,731
EXCELSIOR												
VIKING		5,728	-	-	-	-	-	5,624	-	10,530	834,365	850,519
BLAIRMORE		21,747	-	-	-	-	-	21,355	5,489	2,658	-	29,502
D-2		776,274	207,730	156,620	102,004	116,443	100,100	1,655,651	119,322	126,324	115,974	2,017,178
TOTAL		803,749	207,730	156,620	102,004	116,443	100,100	1,682,630	124,818	139,512	950,239	2,897,199

CUMULATIVE TO
DEC. 31, 1954

FAIRYDELL BON ACCORD

	1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
VIKING	749,132	492,871	2,190,365	1,657,901	640,429	1,205,125	7,545,840	1,429,457	1,430,719	1,478,916	11,884,932
BASAL QUARTZ										174,744	174,744
D-2 BON ACCORD	11,927	9,758	7,837	5,669	5,532	11,702	87,709	8,523	6,330	6,656	109,218
FAIRYDELL	10,278	9,863	9,896	10,218	10,170	9,189	59,889	10,095	10,676	10,585	91,245
D-3 FAIRYDELL	42,827	54,266	42,150	34,747	42,815	42,056	292,387	50,119	53,227	50,284	446,017
TOTAL	810,664	566,758	2,256,748	1,708,535	698,946	1,268,072	7,985,825	1,498,194	1,500,952	1,721,185	12,706,156

FENN BIG VALLEY

VIKING			141,435	295,689	314,348	418,554	1,148,965	796,516	957,896	1,078,915	3,982,292
D-2	2,803,176	2,975,923	2,846,463	1,998,551	2,147,230	1,835,861	18,391,885	2,004,768	1,977,901	1,897,061	24,271,615
D-3 BIG VALLEY	49,161	43,793	42,580	43,956	36,072	35,648	395,652	35,983	32,862	30,019	494,516
BIG VALLEY NORTH	11,980	10,133	7,621	7,220	10,626	8,776	59,220	5,859	3,726	3,944	72,749
FENN	1,257	1,829	4,518	4,243	5,350	5,286	23,946	5,134	3,281	3,940	36,301
FENN NORTH	33,052	129,579	175,782	148,137	140,246	118,798	732,815	122,302	107,477	109,148	1,071,742
OTHER							12,278				12,278
TOTAL	3,916,646	3,164,257	3,118,339	2,497,736	2,653,872	2,422,923	20,764,761	2,970,561	3,083,143	3,123,027	29,941,493

FENN WEST

D-2								12,423	99,314	141,003	252,740
LEFFRIER											

CARDIUM NAT
N.B.
N.C.

VIKING	66,184	92,014	66,941	22,370	122,094	162,729	605,238	244,231	335,398	417,615	1,602,482
TOTAL	66,184	92,014	66,941	22,370	122,094	162,729	605,238	244,231	335,398	417,615	1,602,482

FOREMOST

Bow Island	24,983	69,405	50,939			3,726	5,679,478	2,524	2,136	143,164	5,827,302
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LEPT KENI

COLONY					5,369	227,418	228,596	224,165	247,802	181,530	882,093
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LEPT SAGNATHEVAL

VIKING	5,699,110	5,404,470	5,818,773	5,300,708	4,374,388	7,880,084	36,518,998	7,888,316	8,687,329	9,369,809	62,464,452
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FOX CREEK WEST

AGADOMIN						1,515	1,487				1,487
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AGADOMIN

CARDIUM NAT AND "B"	4,761	11,643	20,423	49,972	142,971	220,176	445,407	349,431	521,050	642,326	1,958,214
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RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
GARRINGTON												
RETURNED TO FORMATION		-	-	-	-	-	-	-	-	-	2,285	2,285
GARRINGTON SOUTH												
CARDIUM		-	-	-	2,616	9,464	8,935	20,637	16,488	78,378	107,407	222,910
GILBY												
BELLY RIVER												
VIKING "A"		19,401	155,614	489,458	821,924	1,056,068	1,041,757	3,555,243	881,716	1,008,539	14,343	14,343
"B"		-	-	-	-	-	-	-	-	21,446	572,148	6,017,646
BLAIRMORE "A"		-	-	-	-	-	583	572	607,246	227,331	83,654	105,100
"B"		-	-	46,493	72,438	99,424	125,347	337,515	145,815	143,839	1,985,227	2,820,376
JURASSIC "A"		-	-	-	-	-	-	-	-	-	163,129	790,298
"B"		-	-	-	-	-	-	-	-	-	47,940	47,940
"C"		-	-	-	18,151	17,033	26,565	60,637	141,195	287,193	585,938	1,074,963
OTHER		-	-	-	-	-	-	-	150,940	10,336	350,076	511,352
RUNDLE "A"		-	-	40,685	13,407	-	-	-	-	364	-	364
"B"		-	-	-	133	-	-	53,118	-	-	13,110	66,228
"C"		-	-	-	42,086	11,095	11,095	52,354	9,052	11,340	9,892	82,638
"D"		-	-	-	143,480	553,391	553,391	684,327	5,659,030	8,032,309	5,752,837	20,128,503
"E"		-	-	-	-	68,812	-	67,573	35,214	62,816	3,968,354	4,133,957
OTHER		-	-	-	-	-	-	-	-	3,834	25,936	29,770
TOTAL		19,401	155,614	576,636	926,053	1,358,091	1,827,550	4,811,339	7,630,208	9,809,347	13,577,274	35,828,168
GLENNEVIS												
BANIFF		26,807	22,894	62,562	22,532	39,548	11,849	199,503	30,855	94,883	101,349	426,590
GLEN PARK												
BLAIRMORE												
D-2		85,162	132,750	95,009	78,915	68,224	42,435	618,526	31,610	30,438	176,453	857,027
D-3		26,300	9,494	7,331	4,131	2,421	2,409	59,501	1,904	3,558	5,041	70,004
TOTAL		524,347	214,894	196,284	90,659	127,114	113,490	1,530,610	144,175	153,945	163,653	1,992,383
GOLDEN SPIKE		705,809	357,138	298,574	175,705	197,759	158,334	2,208,637	177,629	127,941	345,147	2,919,414
VIKING												
BLAIRMORE												
D-1		803,963	(59,075)	28,369	82,303	-	-	1,499,032	-	-	-	1,499,032
D-2		11,472	358,781	271,768	26,886	-	-	895,982	-	-	-	895,982
D-3		-	952,493	568,650	913,233	260,516	436,443	3,584,864	969,791	1,844,251	1,223,372	7,622,278
SOUTH		36,702	23,033	14,230	7,830	7,889	7,647	120,717	12,277	8,579	8,068	149,641
D-3 NORTH		169,073	91,816	91,557	89,863	87,749	81,894	690,282	85,314	69,516	70,517	915,629
SOUTH		34,095	28,145	21,772	18,259	17,288	17,374	167,623	16,465	16,529	18,603	219,220
SOUTH		2,399,028	1,544,322	1,040,098	306,125	722,844	622,158	7,851,516	1,243,220	1,728,063	1,470,288	12,293,087
REPRODUCED		-	-	90,465	-	-	614,059	691,842	(14,395)	-	-	677,447
TOTAL		3,454,333	2,940,175	2,126,909	1,445,199	1,096,286	1,779,575	15,501,858	2,312,672	3,666,938	2,790,848	24,272,316
GOLDEN SPIKE												
RETURNED TO FORMATION		2,518,132	3,496,545	2,260,320	1,146,852	742,716	1,516,418	15,304,976	1,682,275	2,950,635	2,146,539	22,091,024

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963

*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

1955 1956 1957 1958 1959 1960 TOTAL* 1961 1962 1963 TOTAL

GORDONDALE

CADOTTE	--	--	2,310	2,589,607	4,224,235	4,304,656	10,920,633	2,851,713	3,945,871	3,114,503	20,832,720
NOT KEVIN	--	--	--	58,628	3,013	--	60,531	--	--	--	60,531
GETTING	--	--	--	4,856,104	4,294,371	3,766,896	12,684,858	2,746,785	1,545,130	1,171,306	18,148,079
"B"	--	--	--	1,621,445	1,066,161	1,631,512	4,310,121	862,716	582,608	488,379	6,243,824
TOTAL	--	--	2,310	9,195,784	9,587,780	9,703,071	27,976,143	6,461,214	6,073,609	4,774,188	45,285,154

HAIRY HILL

VIKING	--	--	--	9,030	66,461	5,113	79,153	--	--	--	79,153
COLONY	--	--	630,831	1,113,211	237,562	472,490	3,720,556	638,643	522,583	843,460	5,865,342
TOTAL	220,793	485,252	630,831	1,122,241	1,004,023	477,603	3,869,809	638,643	592,583	843,460	5,944,495

HAMELIN CREEK

CADOMIN	--	--	--	453,297	622,050	592,790	1,638,110	712,360	650,396	498,536	3,499,402
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HAMILTON LAKE

VIKING	84,279	124,006	166,572	168,192	169,269	172,860	1,030,119	257,287	283,702	349,859	1,920,967
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HARMATIAN EAST

BLANKED	--	--	--	--	--	--	--	9,870	23,552	25,837	59,259
RUNOLE	--	--	97,481	526,174	1,203,526	1,736,472	3,499,506	2,263,787	2,731,292	2,972,725	11,467,310
TOTAL	--	--	97,481	526,174	1,203,526	1,736,472	3,499,506	2,273,657	2,754,844	2,998,562	11,526,569

HARMATIAN EAST

RETURNED TO FORMATION	--	--	--	--	--	--	--	30,600	1,753,000	2,097,000	3,880,600
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HARMATIAN ELKTON

RUNOLE MAIN	--	569,157	1,418,895	3,227,291	3,217,030	2,537,197	11,295,463	4,320,113	25,435,216	35,003,113	77,091,920
"A"	--	--	--	--	--	116,085	113,933	11,130	--	4,050	129,173
"B"	--	--	--	--	--	--	--	--	41,234	1,246,683	1,287,917
TOTAL	1,173	1,069,517	1,418,895	3,227,291	3,217,030	2,653,282	11,409,466	4,331,243	25,476,460	36,249,846	78,609,830

HARMATIAN ELKTON

RETURNED TO FORMATION	--	--	--	--	--	159,423	156,553	3,636,237	22,379,367	33,995,781	60,167,938
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LEAD LAKE

COLONY	592	3,086	438	--	--	--	4,041	--	--	--	4,041
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LEAD RIVER

COLONY	--	--	--	--	16,689	45,791	61,355	50,213	100,847	115,302	327,717
"A"	--	--	--	--	--	0,244	0,015	35,111	1,107	1,111	47,044
"B"	--	--	--	--	16,689	66,238	81,433	83,732	102,904	116,716	384,785

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
<u>HESPERO</u>												
BASAL QUARTZ "B"	RUNDLE "A"	3,000	-	-	-	-	-	-	-	-	9,092	9,092
	JURASSIC "B"	-	30,557	24,621	27,275	29,395	22,668	156,476	22,312	80,503	132,889	392,180
		-	-	-	-	-	-	-	26,092	17,349	21,395	64,836
D-2		4,047	-	-	-	-	-	6,079	-	-	-	735
TOTAL		7,067	30,557	24,621	27,275	29,395	22,668	162,555	48,404	98,587	163,376	472,922
<u>HOLMBERG</u>												
BASAL BLAIRMORE		-	-	-	-	12,205	31,993	43,402	26,640	21,666	30,854	122,562
<u>HOMEGLEN RIMBEY</u>												
D-3		375,260	1,521,655	1,503,507	1,345,298	1,085,012	1,270,791	7,877,869	16,873,574	30,692,212	35,999,139	91,442,794
<u>HORSEFLY LAKE</u>												
MANNVILLE		-	-	-	-	-	-	-	-	-	3,355	3,355
<u>HUGHENDEN</u>												
VIKING BLAIRMORE NORTH SOUTH		-	-	-	-	-	-	-	-	308	-	308
		-	-	-	1,333	850	201	2,341	97	511	336	3,285
		-	-	-	679	187	23	873	-	147	462	1,482
TOTAL		-	-	-	2,012	1,037	224	3,214	97	966	798	5,075
<u>HUSSAR</u>												
VIKING "A" "B" "C" "E"		-	-	-	-	-	121,142	118,961	181,825	529,374	278,183	1,108,343
		-	-	-	-	-	-	-	-	-	690	690
		-	-	-	-	1,809	-	1,776	-	-	-	1,776
BASAL COLORADO "A" "C" "D"		-	-	-	-	19,607	179,944	195,959	530,122	35,725	241,115	276,840
		-	-	-	-	38,382	279,156	311,822	725,289	766,587	588,479	2,081,147
		-	-	-	-	778,177	3,945,436	4,638,587	3,579,216	825,230	1,028,804	2,891,145
GLAUCONITIC "A" "B" "C" "E" "F" "G"		-	-	-	73	606,392	7,088,090	7,556,052	9,987,643	5,320,296	5,932,860	19,470,959
		-	-	-	-	66,880	653,018	706,939	1,065,039	10,904,860	13,425,955	41,874,510
		-	-	-	8,721	21,149	34,313	63,027	28,102	400,952	369,268	2,542,198
OSTRACOD "A" "C" "D" "F" "H"		-	-	-	-	8,854	13,984	22,426	13,118	3,174	13,881	94,303
		-	-	-	-	7,640	13,493	20,752	13,044	22,370	35,907	61,795
		-	-	-	-	-	-	-	15,552	27,202	52,263	91,970
OTHER		-	-	-	-	-	-	-	-	-	500	95,017
		-	-	-	-	-	-	-	-	-	500	500
		-	-	-	-	-	-	-	-	-	246,379	1,155,285
BASAL QUARTZ "A" "C"		-	-	-	-	181,189	182,176	463,299	203,570	242,037	-	6,113
		-	-	-	-	5,311	828	6,028	85	-	-	29,616
		-	-	-	-	-	30,159	29,616	-	-	-	72,917
BASAL QUARTZ "A" "C"		-	-	-	-	-	10,173	11,312	-	-	-	11,312
		-	-	-	-	1,347	8,480	36,431	-	-	-	52,680
		-	-	-	-	10,657	1,640	26,250	8,603	6,205	1,441	30,248
TOTAL		8,996	4,876	4,141	1,571	1,883	924	26,250	1,640	1,461	897	30,248

RAW GAS RESERVOIR WITHDRAWALS 1922 -- 1963

*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

RUSSAR (CONT'D)

BASAL QUARTZ "D"	-	-	-	-	14,250	12,293	26,065	4,126	343,799	417,916	791,906
"E"	-	-	-	-	6,783	11,513	17,966	10,411	11,511	-	39,888
"F"	-	-	-	-	1,893	-	1,858	-	-	-	1,858
"G"	-	-	-	-	-	11,429	11,223	5,652	-	-	16,875
"H"	-	-	-	-	-	11,194	10,992	4,183	-	-	15,175
"I"	-	-	-	-	-	1,845	11,733	1,735	2,420	2,316	18,204
"J"	1,003	3,193	2,768	1,777	1,363	26,275	25,802	179,800	-	-	205,602
"L"	-	-	-	-	-	-	-	4,304	11,290	3,186	18,780

TOTAL	8,996	5,344	8,069	13,627	131,813	12,635,865	14,314,876	16,610,749	19,491,987	22,640,040	73,057,652
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HUTTON

VIKING	-	-	-	-	3,086	25,782	52,167	15,669	30,278	96,206	194,320
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INNISFAIL

BLAIRMORE D-3	-	-	10,942	56,758	34,636	-	100,493	-	-	-	100,493
	-	-	-	253,802	2,013,347	3,301,371	8,813,387	3,956,427	4,329,848	4,158,714	21,258,376
TOTAL	-	-	10,942	310,560	2,047,983	3,301,371	8,913,880	3,956,427	4,329,848	4,158,714	21,358,869

IOARCAM

VIKING	5,557,240	2,405,351	2,668,467	2,844,231	2,219,061	2,018,286	1,960,145	2,011,285	1,701,828	1,587,017	24,620,274
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JOFFRE

VIKING	167,403	603,732	2,580,794	3,010,990	2,147,718	1,398,971	1,257,849	1,112,628	856,362	705,522	14,505,111
BLAIRMORE "B"	-	-	-	-	-	1,354	-	-	16,725	5,630	23,684
D-3	-	-	-	-	-	8,210	13,981	14,092	15,471	15,644	66,998
	-	-	1,852	98,552	1,012,981	1,588,791	1,569,586	1,592,508	1,586,491	1,590,458	8,964,327
TOTAL	167,403	688,732	2,582,646	3,909,542	3,160,699	2,997,326	2,841,416	2,719,228	2,475,049	2,317,254	23,560,120

JOFFRE SOUTH

VIKING	-	3,614	11,590	38,039	57,862	124,357	74,926	56,145	50,955	38,320	450,221
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JUDY CREEK

BEAVERHILL LAKE	-	-	-	-	-	74,034	572,986	1,910,466	2,665,985	3,173,452	8,385,276
BEAVERHILL LAKE WEST	-	-	-	-	-	5,659	73,081	418,227	1,226,342	1,395,134	3,117,025
TOTAL	-	-	-	-	-	79,693	646,067	2,328,693	3,892,327	4,568,586	11,502,301

JUDY CREEK SOUTH

BEAVERHILL LAKE	-	-	-	-	-	-	-	46,779	105,070	103,132	254,981
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JUMPING POUND

MISSISSIPPIAN	36,149,843	14,795,919	16,990,983	21,740,048	25,659,674	24,771,881	24,073,306	22,658,229	20,109,951	19,449,755	223,444,318
BEAVERHILL LAKE	-	24,743	137,784	140,486	622,900	808,381	1,630,248	1,779,480	1,585,374	2,526,368	9,264,630
TOTAL	36,149,843	14,820,662	17,128,767	21,880,534	26,282,574	25,580,262	25,704,554	24,437,709	21,695,325	21,976,123	233,708,948

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
LEDUC WOODBEND (CONT'D)												
BLAIRMORE N WOODBEND "A" N WOODBEND "B" WEST DEVON "C" "D" "E" "F" "G" "H"	432,099	110,091	106,486	106,391	100,935	82,944	52,679	973,775	47,284	33,315	26,898	1,081,272
	16,067	13,857	14,560	82,934	196,312	138,524	96,517	548,713	14,897	-	-	563,610
	106,768	46,936	72,369	66,805	50,068	60,169	49,454	444,422	26,158	22,202	23,680	516,462
	318	-	-	-	-	-	-	312	-	-	-	312
	38,853	14,476	37,743	15,887	14,139	10,304	6,328	135,251	3,815	2,000	-	141,066
	34,946	14,372	14,775	14,757	12,833	12,000	11,789	113,394	12,478	9,379	8,488	143,739
	16,812	5,901	5,489	7,003	8,656	5,116	9,731	57,651	6,302	8,170	2,634	74,757
	7,425	-	-	-	-	-	-	7,292	-	-	-	7,292
	151	-	-	-	-	-	-	148	-	-	-	148
	17,207	-	-	-	-	13,726	20,278	50,289	1,573,756	4,738,264	4,360,710	10,723,019
BASAL QUARTZ												
D-1	-	-	-	-	-	-	227	222	-	-	679,111	679,333
D-2 "A"	18,510,920	5,385,239	5,977,298	6,139,817	6,084,800	5,864,988	6,199,122	53,187,265	6,023,972	4,488,856	4,370,016	68,070,109
"B"	6,519,259	2,338,295	2,199,470	2,099,466	1,936,100	1,592,720	1,235,273	17,598,011	953,280	629,301	499,313	19,679,905
"C"	371,683	75,567	70,807	77,438	78,214	65,140	46,253	770,971	39,585	13,789	6,673	831,018
"D"	26,356	3,547	7,804	23,117	23,574	20,741	18,653	121,563	14,490	13,998	12,110	162,161
"E"	203,458	65,730	65,754	62,203	52,051	41,719	52,029	533,170	53,889	44,846	42,449	674,354
D-3 "A"	34,344,721	7,368,995	7,926,869	6,586,817	4,893,226	5,171,756	4,319,694	69,341,060	4,705,094	4,037,713	4,082,547	82,166,414
"B"	1,774,420	451,684	442,404	377,935	293,379	280,919	223,851	3,775,389	185,763	142,719	146,413	4,250,284
"C"	135,485	24,153	26,467	11,834	12,624	6,186	5,549	218,296	3,643	-	-	221,939
"D"	58,115	11,387	15,973	10,073	6,993	7,395	7,762	115,579	5,656	8,411	5,045	134,691
TOTAL	63,668,371	15,992,838	17,041,632	15,737,163	13,814,401	13,422,872	12,393,867	149,333,855	13,909,231	15,182,955	15,113,286	193,539,327

LEDUC-WOODBEND

RETURNED TO FORMATION	-	69,757	224,765	205,701	166,543	182,899	801,289	1,621,237	2,756,856	6,089,501	6,000,921	16,468,515
LEGAL												
VIKING	27,035	7,978	6,652	6,088	10,887	9,054	6,437	72,796	5,606	4,103	9,046	91,551
MANVILLE	-	-	-	-	-	-	-	-	-	-	73,210	73,210
TOTAL	27,035	7,978	6,652	6,088	10,887	9,054	6,437	72,796	5,606	4,103	82,256	164,761

LINDERBERGH

VIKING	66,816	4,270	9,526	1,034	1,392	9,135	6,053	96,457	6,279	8,336	7,030	118,102
UPPER COLONY	445,096	115,857	137,644	163,717	176,922	292,205	209,665	1,513,366	293,623	282,247	283,349	2,372,585
LOWER COLONY	381,341	81,581	72,202	49,830	31,460	41,227	51,741	696,613	44,627	40,165	40,259	821,664
SPARKY	347,035	107,424	106,790	112,339	159,137	18,914	130,472	966,446	53,177	104,302	96,763	1,220,688
TOTAL	1,440,338	309,132	328,162	306,920	368,911	361,481	397,931	3,272,882	397,706	435,050	427,401	4,533,039

LITTLE SMOKY

D-3	48,964	108,402	88,435	91,954	95,730	95,857	89,327	607,532	78,634	65,540	61,322	813,028
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LLOYDMINSTER

COLONY	4,050,151	1,092,020	939,603	409,931	265,882	289,220	200,984	7,117,330	58,391	75,918	109,598	7,361,237
SPARKY	3,453,583	855,125	1,066,774	950,309	544,167	474,311	518,880	7,721,611	491,726	273,903	256,810	8,744,050
TOTAL	7,503,734	1,947,145	2,006,377	1,360,240	810,049	763,531	719,864	14,838,941	550,117	349,821	366,408	16,105,287

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

MEDICINE RIVER (Cont'd)		CUMULATIVE TO DEC. 31, 1954							TOTAL*		1962	1963	TOTAL
		1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL		
JURASSIC "E"	-	-	-	-	-	-	-	-	-	34,658	34,658	34,658	
PEKISKO "B"	-	-	-	-	-	6,818	43,052	45,886	38,345	40,671	173,874	173,874	
"C"	-	-	-	-	-	-	-	70,000	52,876	88,800	211,676	211,676	
"D"	-	-	-	-	-	-	-	2,412	5,966	3,160	11,538	11,538	
"E"	-	-	-	-	-	-	-	-	-	16,497	16,497	16,497	
TOTAL	-	-	-	9,269	83,075	184,845	272,199	376,883	464,350	964,469	2,077,901	2,077,901	
MINNEHIK BUCK LAKE													
VIKING	709	-	-	-	-	-	-	12,053	12,864	8,547	34,160	34,160	
PEKISKO	9,010	-	-	-	-	-	23,168	305,280	13,105,042	14,277,279	27,719,199	27,719,199	
TOTAL	9,719	-	-	-	-	-	23,168	317,333	13,117,906	14,285,826	27,753,359	27,753,359	
MORINVILLE													
BAGAL BLAIRMORE	6,519,362	4,504,632	4,530,897	2,965,353	3,428,949	3,426,775	3,463,598	28,320,451	3,475,001	2,291,556	37,383,136	37,383,136	
D-1	-	-	-	-	-	-	-	-	-	-	-	-	
D-3	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	6,519,362	4,504,632	4,530,897	2,965,353	3,428,949	3,426,775	3,463,598	28,320,451	3,475,001	2,291,556	37,383,136	37,383,136	
NEVIS													
D-1	20,286	39,948	16,720	15,066	1,031,969	11,716,564	10,790,953	15,439,533	18,494,478	20,229,420	65,879,995	65,879,995	
D-3	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	20,286	39,948	16,720	15,066	1,031,969	11,716,564	10,790,953	15,439,533	18,494,478	20,229,420	65,879,995	65,879,995	
NEW NORWAY													
BLAIRMORE	7,386	-	-	-	-	-	-	-	-	-	7,253	7,253	
D-1	-	-	-	-	-	-	-	-	-	-	-	-	
D-3	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	7,386	-	-	-	-	-	-	-	-	-	7,253	7,253	
NORMANDVILLE													
BLUESKY	-	-	-	7,442	47,923	94,310	40,674	41,023	20,651	42,402	198,386	198,386	
JURASSIC	-	-	-	3,831	3,120	9,208	-	-	-	-	9,208	9,208	
MISSISSIPPIAN "A"	-	-	-	14,585	89,783	253,562	152,358	179,352	255,840	281,755	970,509	970,509	
"B"	-	-	-	-	-	140	143	-	-	-	140	140	
D-1	-	-	-	21,408	34,205	104,254	31,792	28,417	34,067	32,809	199,547	199,547	
D-3	35,342	-	10,453	18,940	19,328	124,795	13,376	13,466	17,556	19,143	174,960	174,960	
"E"	-	-	-	26,946	44,109	103,744	34,591	28,782	27,876	33,053	193,455	193,455	
TOTAL	35,342	-	10,453	93,152	238,468	690,013	272,934	291,040	355,990	409,162	1,746,205	1,746,205	
OBERLIN													
BAGAL BLAIRMORE	1,000,000	110,293	162,519	106,797	111,333	1,225,582	105,603	100,217	104,188	92,602	1,522,539	1,522,539	
D-1	-	-	-	-	-	-	-	-	-	-	-	-	
D-3	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	1,000,000	110,293	162,519	106,797	111,333	1,225,582	105,603	100,217	104,188	92,602	1,522,539	1,522,539	

RAW GAS RESERVOIR WITHDRAWALS 1952-1963
(IN MCF AT 14.65 PSIA AND 60°F.)

		CUMULATIVE TO											
		Dec 31, 1953	1954	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
<u>PEDANA CREEK</u>													
Bow Island	6,16,340	5,047,651	6,711,115	6,573,649	5,947,182	5,783,413	61,643,528	5,475,134	4,527,576	3,210,561	74,866,800		
Lower Manhattan								1,627,424	1,627,424	3,102,934	4,960,812		
TOTAL	20,162,290	9,047,651	6,711,125	6,273,649	5,942,182	5,783,413	61,643,528	5,705,028	6,155,000	6,323,556	79,827,112		
<u>PINCHER CREEK</u>													
Mississippi	6,000,104		13,613,494	17,762,061	32,368,826	40,039,539	102,347,354	41,149,063	45,531,105	46,745,866	136,321,322		
Reservoir Gas			872,007	227,107	4,437,227	6,000,095	11,061,622	5,307,574	3,221,365	1,763,046	21,423,658		
TOTAL	6,000,104		13,613,494	18,589,168	36,806,053	46,039,637	114,009,076	46,456,637	48,822,471	48,516,912	157,745,046		
<u>PINCHER CREEK</u>													
RETURNED TO FORMATION	-	-	8,667,950	8,656,996	2,578,934	1,068,863	20,595,233	3,035,457	165,139	-	23,795,829		
<u>PINE CREEK</u>													
0-3	-	-	-	68,100	-	84,000	149,362	1,426,980	14,620,969	43,545,929	59,743,240		
<u>POUCE COUPE</u>													
CADOTTE	1,775,869	702,305	2,733,666	10,818,305	10,137,942	10,783,741	37,165,618	8,937,152	7,889,664	6,037,069	60,029,503		
<u>DOE CREEK</u>													
DOE CREEK	-	-	-	-	-	20,076	19,714	68,666	149,160	408,570	646,110		
POUCE COUPE	-	32,467	5,610,276	17,464,116	5,376,882	5,447,161	29,003,341	3,256,410	2,332,610	4,139,431	40,135,849		
GETHING	-	-	-	-	213,772	3,209,686	3,361,835	1,560,582	1,613,152	1,413,597	7,949,166		
CADOTTE	-	-	100,225	6,042,227	6,042,227	4,842,843	834,234	81,310	-	-	31,431		
TOTAL	-	32,467	5,911,371	13,608,073	6,175,497	9,511,453	34,644,155	5,445,963	5,004,322	6,011,602	51,016,710		
<u>MISSISSIPPIAN</u>													
MISSISSIPPIAN	-	-	-	-	299	38,000	37,609	1,209,693	1,066,926	766,043	3,080,271		
<u>PRINCESS</u>													
SECOND WHITE SPECKS	-	-	-	-	-	-	-	-	-	295,001	295,001		
Bow Island	-	-	-	-	-	-	-	51,056	98,146	-	149,202		
BASAL COLORADO	-	-	-	-	-	150,475	663,208	27,746	281,621	97,169	1,069,744		
BASAL BLAIRMORE	1,133,032			23,734		2,331,638	5,129,324	3,125,646	2,772,114	3,314,536	14,250,370		
BANFF "A"	941,137					3,533	943,273	2,914	1,457	1,631	949,275		
JEFFERSON	3,254,897					-	3,196,308	-	-	-	3,196,308		
OTHER	495,353					-	488,021	-	-	-	488,021		
TOTAL	5,019,409	6,494	1,819	25,553	26,913	4,499,046	10,446,104	3,249,327	3,322,038	3,409,357	15,373,911		
<u>WATERMAN</u>													
WATERMAN	-	-	-	1,622,315	11,111,400	15,403,261	43,463,551	10,940,227	20,323,950	21,000,000	102,945,246		

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
PROVOSTI (CONT'D)												
VIKING "B" & "B"												
--	--	--	2,781	--	--	--	718,330	708,132	730,779	910,510	695,549	3,044,970
--	--	--	1,811	--	12,221	17,803	484,593	507,131	403,231	393,891	324,631	1,628,884
--	--	22,612	4,592	1,919,315	11,124,629	15,421,064	16,993,343	44,666,814	22,054,307	22,178,351	24,089,738	112,989,210
RED COULEE												
361,336	Basal Blairmore	4,056	4,051	4,044	4,044	9,110	3,021	382,648	3,474	3,715	3,411	393,248
RED EARTH												
--	Granite Wash	--	2,511	6,104	6,205	5,416	--	19,871	7,319	7,991	1,726	36,907
REDWATER												
42,102	Viking	3,150	2,718	8,640	34,073	62,350	82,197	230,995	100,974	89,600	98,813	520,382
414,948	Blairmore	110,155	114,932	93,803	82,229	35,721	20,384	856,472	2,204	--	--	858,676
--	D-1	--	--	--	11,764	32,780	--	43,742	--	293,469	673,246	1,010,457
16,205,252	D-3	5,067,641	4,729,073	3,104,310	2,082,435	2,321,863	1,842,133	35,410,639	2,348,844	2,583,846	2,419,606	42,762,935
17,362,309	TOTAL	5,180,946	4,846,723	3,206,753	2,210,501	2,452,714	1,951,714	36,541,848	2,452,022	2,966,915	3,191,665	45,152,450
ROCKY MOUNTAIN HOUSE												
4,813	Cardium	20,253	43,087	64,968	69,810	125,880	59,177	331,009	56,626	62,033	49,011	542,679
ROSEBUD												
--	Blairmore	--	5,623	49,435	68,524	73,085	82,997	274,630	79,298	67,749	75,756	497,433
ROWLEY												
--	Pekisko	--	--	--	--	--	23,351	22,930	59,846	71,222	79,432	233,430
RYCROFT												
151,072	Bluesky	427,530	544,173	584,150	96,598	13,946	29,275	1,813,502	83,999	115,527	121,030	2,134,058
126,498	Gething	4,247	32,222	79,367	35,518	--	--	272,850	--	--	226,751	499,601
277,570	TOTAL	431,777	576,395	663,517	132,116	13,946	29,275	2,086,352	83,999	115,527	347,781	2,633,659
ST. ALBERT-BIG LAKE												
2,750,215	Basal Quaternary	3,604,335	3,312,598	5,492,735	5,581,128	5,535,913	5,964,810	32,255,198	6,476,377	6,071,203	45,485	45,485
--	Ostracod	--	--	--	2,083	3,207	2,157	7,312	2,493	3,289	4,011,504	48,814,782
78,028	D-1	22,557	43,124	35,025	24,493	24,719	28,373	251,705	33,118	34,433	2,804	15,898
--	D-3	--	--	--	11,542	64,344	42,257	116,016	45,469	21,970	30,876	350,132
--	Big Lake D-1	--	704	3,104	29,127	21,090	21,874	74,532	26,417	28,032	17,519	200,974
--	D-2	--	27,248	375,118	43,707	54,658	50,832	542,230	76,038	113,263	26,813	155,794
2,828,943	TOTAL	3,626,892	3,983,674	5,906,582	5,632,080	5,707,931	6,110,310	33,246,993	6,660,462	6,272,890	4,236,693	50,417,038
ST. PAUL												
890,254	Blairmore	208,661	205,516	203,210	208,413	239,665	258,201	2,174,069	265,821	267,893	271,704	2,979,487

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
DEC. 31, 1954

	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>TOTAL*</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>TOTAL</u>
<u>SAMSON</u>											
BLAIRMORE WEST	30,321	138,583	481,874	599,267	460,168	513,293	2,228,783	486,181	529,510	566,889	3,811,363
<u>SARCEE</u>											
RUNDLE	-	-	-	109,830	-	-	107,853	874,620	5,004,020	5,665,388	11,651,881
<u>SAVANNA CREEK</u>											
RUNDLE	-	-	89,040	51,774	23,517	-	161,373	-	6,572,597	7,916,793	14,650,763
<u>SEDALIA</u>											
VIKING	-	-	-	-	-	27,534	27,038	305,710	639,779	946,859	1,919,386
<u>SIBBALD</u>											
VIKING	-	-	-	182,848	928,201	807,907	1,884,414	1,139,637	1,306,336	1,550,202	5,880,589
<u>SIMONEITE</u>											
D-3	-	-	-	15,762	120,589	602,298	725,353	1,992,938	2,672,781	2,803,274	8,194,346
<u>SKARO</u>											
COOKING LAKE	-	-	-	-	893	1,406	2,257	1,209	-	643	4,109
<u>SMITH COULEE</u>											
BOW ISLAND	276,096	247,265	277,057	694,731	1,868,187	3,253,573	6,949,758	2,889,682	2,518,318	1,979,149	14,336,907
<u>SNIPE LAKE</u>											
BEAVERHILL LAKE	-	-	-	-	-	-	-	-	98	168,484	168,582
<u>SPRING COULEE</u>											
RUNDLE	173	5,219	4,424	3,520	3,790	2,522	19,294	2,553	2,538	2,917	27,302
<u>STETTLER</u>											
VIKING	-	-	29,313	-	7,403	51,210	86,343	50,748	38,247	48,294	223,632
D-2	405,816	431,875	437,490	375,252	342,912	286,792	2,834,695	298,922	256,573	268,712	3,658,902
D-3 MAIN	158,771	214,673	209,469	174,277	190,028	160,022	1,350,710	172,481	157,176	163,213	1,343,580
NE	13,102	15,172	12,852	11,731	11,682	10,125	79,820	10,981	12,325	11,214	115,040
TOTAL	877,368	577,689	689,124	565,260	552,025	508,149	4,351,568	533,132	464,321	492,133	5,841,154

TWINING		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
RUNDLE		12,413	12,136	12,845	9,938	11,739	13,412	100,566	71,534	186,482	236,696	595,278
TWINING NORTH												
RUNDLE BANFF		-	-	-	-	-	-	-	241	166,692	253,587	420,516
		-	-	-	-	-	-	-	-	604	-	604
	TOTAL	-	-	-	-	-	-	-	241	167,296	253,587	421,124
VIKING KINSELLA												
VIKING BLAIRMORE		232,591,980	21,695,110	19,646,787	23,052,590	7,259,024	11,059,369	330,217,702	2,988,807	14,745,753	17,111,148	371,063,410
	D-2	-	12,764	1,120,892	1,503,957	1,201,474	1,124,805	4,874,541	1,137,125	1,212,517	2,302,736	9,526,919
	D-3	-	-	-	159,611	186,991	285,169	620,399	298,391	517,514	663,830	2,100,134
	REPRODUCED	-	-	-	-	-	-	-	-	48,987	237,201	286,188
	CANROSE	-	-	-	-	2,944,663	993,957	3,867,724	2,010,093	311,533	-	6,189,350
TOTAL		232,591,980	21,707,874	20,767,679	24,716,158	11,592,152	13,463,300	339,580,366	17,434,416	16,836,304	20,674,453	329,525,529
VIKING KINSELLA												
RETURNED TO FORMATION		-	-	-	-	2,944,663	993,957	3,867,724	2,010,093	311,533	-	6,189,350
VIRGINIA HILLS												
BEAVERHILL LAKE		-	-	186	15,234	37,662	417,120	461,738	1,144,014	1,221,671	1,331,217	4,158,640
WAINWRIGHT												
VIKING WAINWRIGHT		68,121	1,800	1,500	1,050	-	-	72,934	-	-	-	72,934
	427	552,713	374,473	920,101	822,009	1,296,303	1,216,010	5,164,373	1,016,551	950,495	180,977	7,312,396
	TOTAL	68,548	376,273	991,601	830,059	1,296,303	1,216,010	5,237,307	1,016,551	950,495	180,977	7,385,330
WATERION												
RUNDLE "A" "B"		-	-	-	-	-	227,700	223,601	306,599	17,721,362	26,931,779	45,263,341
		-	-	333,371	100,000	66,495	7,193	497,932	432,176	2,707,224	4,452,479	8,089,811
	WABAMUN	-	-	-	-	-	-	-	-	2,831,351	371,125	3,202,476
TOTAL		-	-	333,371	100,000	66,495	234,893	721,523	818,775	23,259,937	31,755,383	56,555,628
WATTS												
VIKING		98,001	62,199	94,652	93,367	98,976	109,506	692,550	108,482	105,847	100,603	1,007,482
WAYNE ROSEDALE												
VIKING "A" "B" OTHER		-	-	-	-	-	269,797	264,940	314,618	2,737,625	2,688,354	6,005,537
		-	-	-	-	-	-	-	19,784	822,854	530,849	1,373,487
		-	-	-	-	-	-	-	-	64,184	192,207	256,391

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO DEC. 31, 1954		1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
WAYNE ROSEDALE (CONT'D)												
GLAUCONITIC BASAL QUARTZITE "B" OTHER	5,811	185,676	217,227	215,795	255,402	499,500	1,453,906	2,782,316	1,561,988	2,093,916	2,306,894	8,745,114
	9,369	68,037	77,732	74,898	61,794	43,196	34,744	363,114	45,447	42,719	33,476	484,756
	--	--	--	--	--	--	--	--	--	191	6	197
	--	--	--	--	--	--	--	--	1,878	5,282	17,727	24,887
TOTAL	15,180	253,713	294,959	290,693	317,196	542,696	1,758,447	3,410,370	1,943,715	5,766,771	5,769,513	16,890,369
WEST DRUMHELLER												
D-2	874,096	648,281	750,498	755,098	648,603	674,656	596,658	4,858,827	623,585	510,027	507,902	6,500,341
D-3	4,627	52,722	64,291	67,653	63,855	63,038	55,882	402,686	64,360	51,325	51,180	569,651
TOTAL	916,723	701,003	814,789	822,751	712,458	737,694	652,540	5,261,513	687,945	561,352	559,182	7,069,992
WESTEROSE												
VIKING	--	--	--	--	--	--	--	--	19,788	52,509	44,782	117,079
	1,641,571	1,206,443	1,682,957	1,245,507	2,111,705	794,366	690,491	7,867,930	983,157	1,367,438	1,218,229	11,430,254
	1,864,872	1,206,443	1,682,957	1,245,307	521,705	794,366	690,491	7,862,030	1,002,945	1,419,947	1,263,011	11,547,933
WESTEROSE												
RETURNED TO FORMATION	--	357,509	1,188,073	1,022,548	443,387	711,177	599,533	4,244,426	911,546	1,306,047	1,162,413	7,624,432
WESTEROSE SOUTH												
D-3	--	--	--	126,176	11,700	40,525	823,963	984,321	31,476,682	54,340,303	55,302,613	142,103,919
WESTLOCK												
VIKING	332,450	249,306	262,103	276,236	273,671	309,407	333,444	1,999,957	360,125	362,789	2,794,154	5,517,025
WESTWARD_HO												
ROUND E	--	139,120	360,176	667,176	794,468	852,295	911,494	3,657,683	957,623	1,121,849	729,492	6,466,653
WHITECLAW												
BLUESKY	290,282	333,200	321,747	473,658	408,546	302,693	193,511	2,281,811	200,688	167,664	190,253	2,840,416
GETTING "A"	3,907	4,330	77,522	20,627	69	101,828	109,700	312,259	133,801	110,958	185,448	742,466
"B"	--	--	--	--	--	--	153,254	150,495	216,269	205,836	216,655	789,255
LOAD GRAYLING	--	--	--	--	3,680	24,554	100	27,823	--	12,374	--	40,197
TOTAL	294,189	337,530	399,269	494,285	412,295	429,075	456,565	2,772,388	550,758	496,832	592,356	4,412,334
WHITEHALL												
BLAIRMORE	329,092	43,098	61,461	62,839	56,464	53,415	37,956	632,727	58,726	47,362	43,639	782,454
WILDCAT_HILLS												
WILDCAT_HILLS	--	--	--	--	--	67,104	135,000	138,466	92,648	15,777,404	16,148,593	32,217,111

RAW GAS RESERVOIR WITHDRAWALS 1922 - 1963
*(IN MSCF AT 14.65 PSIA AND 60° F.)

CUMULATIVE TO
Dec. 31, 1954

WILDMERE

	1955	1956	1957	1958	1959	1960	TOTAL*	1961	1962	1963	TOTAL
COLONY	247,352	204,009	216,121	300,574	255,250	278,835	5,061,632	250,067	230,631	220,544	5,762,874
DINA	9,815	6,608	6,861	8,788	4,344	2,564	442,859	6,059	12,301	20,334	481,553
VERMILION	5,241	17,790	23,804	33,779	30,754	55,408	1,720,611	65,201	90,160	112,705	1,925,378
TOTAL	262,408	228,407	246,786	343,141	290,348	336,807	7,225,103	322,027	333,092	359,583	8,239,805

WILLESDEEN GREEN

BELLY RIVER "A"	-	-	-	-	-	-	-	-	5,542	47,703	53,245
"B"	-	17,214	14,637	18,571	9,734	7,766	66,699	18,165	34,741	35,759	155,364
"C"	-	-	-	-	-	-	-	6,001	21,323	40,693	68,017
CARDIUM	41,991	285,922	444,581	834,942	920,720	1,288,681	3,748,331	2,192,244	3,716,583	3,072,773	12,729,931
BASAL QUARTZ	-	-	-	-	-	8,631	8,475	-	-	-	8,475
TOTAL	41,991	303,136	459,218	853,513	930,454	1,305,078	3,823,505	2,216,410	3,778,189	3,196,923	13,015,032

WILLINGDON

MANNVILLE "A"	-	-	-	-	-	-	-	1,497	94,854	124,542	220,893
"B"	-	-	-	-	135,720	376,023	502,531	232,467	114,057	149,334	998,389
D-3	-	-	-	-	200,551	1,031,554	1,209,226	1,011,266	1,073,388	890,342	4,184,922
TOTAL	-	-	-	-	336,271	1,407,577	1,712,457	1,245,230	1,282,299	1,164,218	5,404,204

WIMBORNE

D-2	-	-	-	-	-	-	-	21,102	75,022	83,140	179,264
D-3	476	17,616	24,123	440,558	557,216	443,213	1,683,672	430,759	485,432	468,380	3,068,243
TOTAL	476	17,616	24,123	440,558	557,216	443,213	1,683,672	451,861	560,454	551,520	3,247,507

WINDFALL

VIKING	-	-	-	40,577	94,552	89,142	220,234	905	-	-	221,139
D-3	-	-	106,408	124,447	1,130,056	6,381,462	7,643,270	11,405,273	32,532,163	49,825,062	101,405,768
TOTAL	-	-	106,408	165,024	1,224,608	6,470,604	7,863,504	11,406,178	32,532,163	49,825,062	101,626,907

WINDFALL

RETURNED TO FORMATION	-	-	-	-	747,853	4,380,418	5,035,962	9,557,133	14,678,758	46,052,173	75,324,026
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WIZARD LAKE

VIKING	-	-	-	-	-	457,666	449,428	30,559	-	-	479,987
GLAUCONITIC	-	-	-	-	-	171,691	168,600	616,798	(261,031)	164,429	688,796
SLAIRMORE "A"	475	-	-	10,816	12,140	2,165,579	2,149,607	2,449,314	1,938,566	1,742,513	8,280,000
"B"	-	-	-	17,582	73,526	31,240	120,145	-	-	-	120,145
D-2	-	-	-	32,061	132,803	106,749	266,723	99,148	45,620	57,420	468,911
D-3	4,134,952	1,830,743	2,439,751	907,528	1,472,729	1,224,678	14,037,027	2,030,935	2,380,406	2,174,123	20,622,491
REPRODUCED**	-	-	-	2,089	-	(2,089)	-	-	-	-	-
TOTAL	4,135,427	1,830,743	2,439,751	970,076	1,691,198	4,155,514	17,191,530	5,226,754	4,103,561	4,136,485	30,660,330

RAW GAS RESERVOIR WITHDRAWALS 1955-1963
*(IN MSCF AT 14.65 PSIA AND 60° F)

CUMULATIVE TO DEC. 31, 1954														1955	1956	1957	1958	1959	TOTAL*	1961	1962	1963	TOTAL
<u>WOOD RIVER</u>																							
BASAL QUARTZ D-3	-	-	-	-	-	-	-	-	-	-	1,624	1,594	633,317	716,883	1,106,613	2,458,407							
7,184	-	-	6,448	13,428	14,413	21,333	21,333	21,333	21,333	21,333	21,333	61,744	8,002	8,110	6,331	84,187							
7,184	-	-	6,448	13,498	14,413	22,957	22,957	22,957	22,957	22,957	22,957	63,338	641,319	724,993	1,112,944	2,542,594							
<u>WORSLEY</u>																							
TRIASSIC D-3	-	-	-	-	-	-	-	-	-	-	-	-	7,974	5,433	5,388	18,795							
-	-	-	-	-	-	-	-	-	-	-	31,109	30,549	81,655	2,176,650	13,775,684	16,064,538							
TOTAL	-	-	-	-	-	-	-	-	-	-	31,109	30,549	89,629	2,182,083	13,781,072	16,083,333							
<u>YEKAU LAKE</u>																							
VIKING D-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,176	2,176							
-	5,710	20,723	27,137	25,219	24,933	23,133	23,133	23,133	23,133	23,133	23,133	124,571	36,292	75,338	65,987	302,188							
TOTAL	5,710	20,723	27,137	25,219	24,933	23,133	23,133	23,133	23,133	23,133	23,133	124,571	36,292	75,338	68,163	304,364							
<u>YOUNGSTOWN</u>																							
ARCS	-	-	-	3,996	5,010	3,387	3,387	3,387	3,387	3,387	3,387	12,169	2,163	3,260	3,481	21,073							
<u>UNDEFINED POOLS</u>																							
OIL AND GAS WELLS FARM GAS	2,892,720	329,543	333,678	510,077	570,391	726,050	1,251,531	1,251,531	1,251,531	1,251,531	1,251,531	6,494,937	1,971,545	1,501,217	2,474,127	12,441,826							
-	-	-	-	15	510	1,000	875	875	875	875	875	2,357	330	-	-	2,687							
TOTAL	2,892,720	329,543	333,678	510,092	570,901	727,050	1,252,406	1,252,406	1,252,406	1,252,406	1,252,406	6,497,294	1,971,875	1,501,217	2,474,127	12,444,513							
TOTAL ALBERTA WITHDRAWALS	2,892,720	329,543	333,678	510,092	570,901	727,050	1,252,406	1,252,406	1,252,406	1,252,406	1,252,406	6,497,294	1,971,875	1,501,217	2,474,127	12,444,513							
TOTAL RETURNED TO FORMATION	45,604,866	7,091,830	8,944,931	17,059,734	18,785,640	15,310,544	13,918,437	13,918,437	13,918,437	13,918,437	13,918,437	129,594,910A	34,487,656	61,906,167A	125,740,547	361,341,190							
TOTAL NET ALBERTA RESERVOIR WITH- DRAWALS	332,692,894	161,716,527	171,246,176	177,160,644	176,163,277	337,338,523	4,483,495,373	4,483,495,373	4,483,495,373	4,483,495,373	4,483,495,373	2,886,464,593	535,103,370	771,210,734	1,228,302,607	6,075,072,012							

* PRODUCTION REPORTED AT 14.4 PSIA TO 1960. TOTAL TO END 1960 CONVERTED TO 14.65 PSIA.

** LPG EQUIVALENT

A - REVENUE

WATER PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	<u>AVERAGE DAILY PRODUCTION</u>	<u>ANNUAL PRODUCTION</u>	<u>CUMULATIVE PRODUCTION</u>
CUMULATIVE TO 1947	-	-	33,734
1948	61	22,285	56,019
1949	1,782	650,505	706,524
1950	2,390	873,156	1,579,680
1951	4,234	1,545,556	3,125,236
1952	7,539	2,759,217	5,884,453
1953	12,262	4,475,778	10,360,231
1954	17,043	6,222,375	16,582,606
1955	24,076	8,787,617	25,370,223
1956	30,634	11,212,145	36,582,368
1957	37,348	13,631,997	50,214,365
1958	45,545	16,623,830	66,838,195
1959	53,081	21,199,700	88,037,895
1960	67,749	24,728,617	112,766,512
1961	80,386	29,340,982	142,107,494
1962	91,667	33,458,579	175,566,073
1963	105,939	38,667,700	214,233,773

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

FIELD	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
ACHESON												
BLAIRMORE "A"	5,685	5,136	1,790	5,149	3,956	5,123	4,929	2,437	4,912	5,816	4,645	49,578
"B"	-	17	34	2,743	-	1,159	-	-	-	-	-	3,953
"C"	-	970	5,411	16,385	19,778	20,040	19,860	2,771	5,449	5,249	10,057	105,970
"D"	-	-	-	-	-	-	-	-	-	65	4,651	4,716
"F"	-	-	-	-	-	-	-	-	-	3,921	4,844	8,765
OTHER	40,063	5,365	3,626	3,034	7,838	6,945	8,868	7,298	6,886	6,081	4,391	100,395
D-2 NORTH	8,369	10,242	7,345	6,174	7,281	8,055	7,877	7,876	15,177	12,232	11,545	102,173
OTHER	5,007	2,836	-	-	-	-	-	-	-	-	-	7,843
D-3	81,446	69,559	103,301	112,032	112,435	104,146	89,464	96,449	110,137	60,983	115,718	1,055,670
TOTAL	140,570	94,125	171,507	145,517	151,288	145,468	130,998	116,831	142,561	94,347	155,851	1,439,063
ACHESON												
DISPOSED TO FORMATION	-	46,413	104,086	129,006	146,642	151,011	139,682	138,194	192,319	188,784	221,389	1,457,526
ACHESON EAST												
BLAIRMORE "A"	23	17,626	13,749	14,157	13,703	12,715	14,995	14,247	15,453	14,157	13,816	144,741
"B"	-	-	-	-	7	1,139	5,619	10,714	10,577	8,699	11,134	47,889
TOTAL	83	17,626	13,789	14,157	13,710	13,854	20,614	24,961	26,030	22,856	24,950	192,630
ACHESON EAST												
DISPOSED TO FORMATION	-	-	-	-	-	5,672	14,595	14,200	15,170	15,917	17,663	83,217
AERIAL												
MANNVILLE	-	-	-	-	-	-	695	1,174	412	222	233	2,736
ALDERSON	-	-	-	-	-	-	-	-	-	77	7,471	7,548
MANNVILLE	-	-	-	-	-	-	-	-	-	-	-	-
ALEXANDER												
BASAL QUARTZ "A"	-	-	-	-	-	-	-	-	3,397	4,706	7,336	15,439
"B"	-	-	-	-	-	-	-	-	447	537	130	1,114
"C"	-	-	-	-	-	-	-	-	37	1,341	4,188	5,566
TOTAL	-	-	-	-	-	-	-	-	3,881	6,584	11,654	22,119
ALIX												
D-2	-	-	-	23	5	-	-	-	251	1,393	3,269	4,941
ALLIANCE												
BLAIRMORE	8,426	17,464	482	-	-	-	-	-	2,017	5,834	4,084	38,307
ALLIANCE	-	-	-	-	-	-	-	-	-	-	-	49
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	394	2,577	2,971

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953											TOTAL
		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
<u>ANTE CREEK</u>												
BLAIRMORE	-	-	-	-	-	-	-	-	-	-	700	700
<u>ARMISIE</u>												
BLAIRMORE	1,931	584	4,750	3,169	1,810	1,650	1,903	1,899	2,203	2,208	2,788	24,895
<u>ATLEE BUFFALO</u>												
VIKING	-	-	-	-	-	-	-	2,483	4,438	5,248	4,028	16,197
<u>BANTRY</u>												
MANNVILLE	115,394	46,945	48,706	52,396	34,019	7,751	6,744	8,420	27,833	53,886	104,698	506,792
<u>BANTRY</u>												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	5,804	22,996	44,476	87,292	160,568
<u>BANTRY SOUTH</u>												
MANNVILLE	-	-	-	-	-	-	-	638	4,120	5,936	6,965	17,659
<u>BARONS</u>												
COLORADO	152	96	47	33	27	50	23	10	-	-	-	438
<u>BASHAW</u>												
IRETON D-3	-	-	-	-	-	-	-	-	-	-	825	825
TOTAL	2,932	1,447	4,327	7,678	5,139	4,830	6,976	7,074	6,503	7,082	19,319	73,307
	2,932	1,447	4,327	7,678	5,139	4,830	6,976	7,074	6,503	7,082	20,144	74,132
<u>BASHAW</u>												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	-	12,623	12,623
<u>BATILE</u>												
VIKING	1,225	6,285	34,409	51,705	115,856	169,169	94,316	83,559	98,343	106,339	113,706	874,912
<u>BATILE</u>												
DISPOSED TO FORMATION	-	-	-	31,907	208,975	287,661	216,107	216,009	218,091	207,250	195,346	1,581,346
<u>BATILE NORTH</u>												
VIKING	-	45	7,593	12,067	20,351	27,432	30,630	34,708	41,240	46,701	60,350	281,117

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
BATTLE SOUTH												
VIKING	-	-	3,052	10,442	27,038	36,963	37,178	44,813	64,127	80,991	86,866	391,470
BATTLE SOUTH												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	34,337	53,676	73,344	86,870	248,227
BAXTER LAKE												
SPARKY	16,418	8,068	13,098	9,295	8,124	7,639	7,427	8,752	9,723	10,991	2,648	102,183
BELLSHILL LAKE												
BLAIRMORE	-	-	-	2,967	88,122	428,564	749,877	1,008,326	1,231,750	1,356,943	1,472,335	6,338,884
BELLSHILL LAKE												
DISPOSED TO FORMATION	-	-	-	-	50,055	419,994	742,651	1,007,918	1,231,750	1,391,296	1,451,146	6,294,810
BINDLOSS												
VIKING	-	-	-	-	-	-	8	-	-	-	554	562
BONNIE GLEN												
VIKING	-	-	-	-	-	-	-	-	1,494	-	-	1,494
CARDIUM	-	-	-	11	4	-	-	-	-	-	-	21
D-3 "A"	-	-	-	-	-	116	711	728	573	153	150	2,431
D-3 "B"	8,467	20,056	64,582	75,879	74,417	43,927	78,235	79,070	109,727	179,033	198,661	932,054
	-	-	-	-	-	-	-	-	-	-	58,750	58,750
TOTAL	8,467	20,056	64,588	75,890	74,421	44,043	78,946	79,798	111,794	179,186	257,561	994,750
BONNIE GLEN												
DISPOSED TO FORMATION	-	-	-	20,358	80,641	56,854	88,362	93,457	136,025	181,497	256,576	913,770
BONNYVILLE												
COLONY	2,902	3,725	4,514	5,365	1,524	38	-	-	-	-	-	18,068
BOUNDARY LAKE SOUTH												
KISKATIMIAV "A"	-	-	-	-	-	-	-	-	-	64	-	64
FOK ISLAND												
REPRODUCED	-	-	-	-	-	-	14	-	-	-	-	14
CAMPBELL-NAMAO												
BLAIRMORE CAMPBELL "A"	2,914	82	2,346	4,465	2,171	755	-	326	368	295	1,221	14,943
"B"	30	10	12	2	7	-	-	-	-	-	-	61

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>TOTAL</u>	
<u>CAMPBELL-NAMAO (CONT'D)</u>												
BLAIRMORE NAMAO "A"	11,687	19,696	11,956	8,164	7,170	5,924	8,347	4,764	10,460	15,288	107,909	
"C"	85	18	-	-	94	401	-	-	-	34	632	
"D"	-	-	-	-	-	-	213	708	985	4,979	7,190	
TOTAL	14,716	19,806	14,314	9,442	7,080	4,758	8,886	5,840	11,740	21,522	130,735	
<u>CAMPBELL-NAMAO</u>												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	132	13,924	14,056	
<u>CARBON</u>												
GLAUCONITIC	-	-	-	-	-	37	-	-	-	-	37	
<u>CAROLINE</u>												
VIKING	-	-	-	-	-	-	-	-	-	500	500	
RUNDLE	-	-	-	-	-	-	40	-	-	-	47	
TOTAL	-	-	-	-	-	-	40	7	-	500	547	
<u>CARSON CREEK</u>												
BEAVERHILL LAKE "A"	-	-	-	-	-	-	-	-	113	1,955	2,068	
"B"	-	-	-	-	-	10	-	-	33	1,357	1,400	
TOTAL	-	-	-	-	-	10	-	-	146	3,312	3,468	
<u>CARSON CREEK NORTH</u>												
BEAVERHILL LAKE "A"	-	-	-	-	-	2	15	-	3	-	20	
"B"	-	-	-	-	-	-	1,260	279	45	55	1,639	
TOTAL	-	-	-	-	-	2	1,275	279	48	55	1,659	
<u>CARSTAIRS</u>												
MISSISSIPPIAN	-	-	-	-	-	-	2,681	8,381	10,121	11,635	32,818	
<u>LESSFORD</u>												
COLORADO "A"	-	-	-	-	-	-	332	498	391	369	1,590	
"B"	5,463	25,988	17,241	17,554	18,848	20,098	46,679	77,790	80,622	80,725	407,803	
"C"	-	-	-	-	-	18,606	26,105	23,190	20,449	24,058	112,408	
"D"	-	-	-	-	99	196	7	27	61	36	426	
VIKING	-	-	-	-	-	33	74	7,590	17,171	23,751	48,619	
GLAUCONITIC	-	-	-	-	-	-	3	113	36	49	201	
BLAIRMORE "A"	-	-	-	-	-	150	1,167	1,454	4,138	3,627	10,536	
"B"	112	-	-	-	292	1,609	751	762	697	30	4,253	
"C"	8	-	-	-	258	8,030	16,318	16,739	8,689	8,011	58,053	
"D"	19	-	-	2	73	721	546	447	398	112	2,341	
"E"	-	-	-	-	-	-	-	-	25	359	384	
PEKISKO	-	-	-	-	-	-	-	948	467	218	1,633	
TOTAL	5,602	25,988	17,241	17,556	19,570	49,443	91,982	129,558	133,144	141,345	648,247	

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>LESSFORD</u>													
DISPOSED TO FORMATION	-		-	-	-	-	11,051	43,003	84,659	117,726	124,338	133,690	514,467
<u>CHAMBERLAIN</u>													
BLAIRMORE	3,853		9,289	6,836	1,076	11,114	14,166	12,351	13,572	14,183	-	10,320	96,760
<u>CHAMBERLAIN</u>													
DISPOSED TO FORMATION	-		3,927	7,714	1,076	10,978	14,138	12,306	13,580	14,178	-	9,158	87,055
<u>CHAUVIN</u>													
MANNVILLE MAIN	17,968		21,809	16,968	13,428	14,039	18,292	18,447	23,009	34,241	22,916	37,184	238,301
OTHER	-		153	883	659	681	814	723	840	1,438	1,132	1,330	9,729
TOTAL	17,968		21,962	17,851	14,087	14,720	19,106	19,240	23,849	35,679	24,054	38,514	247,030
<u>CHAUVIN</u>													
DISPOSED TO FORMATION	-		-	-	12,716	12,982	20,603	20,572	21,942	27,797	-	-	116,612
<u>CHAUVIN SOUTH</u>													
MANNVILLE	1,476		1,969	441	1,086	752	2,241	1,803	6	-	-	-	9,774
<u>CHICKWELL</u>													
VIKING	-		-	-	-	-	-	-	-	-	-	65	65
D-C "A"	-		-	128	169	324	57	13	37	50	2,582	2,638	5,998
"B"	-		-	-	-	-	-	531	478	1,537	591	25	3,162
MANNVILLE "A"	-		-	-	-	-	-	-	-	-	220	-	220
TOTAL	-		-	128	169	324	57	544	515	1,587	3,393	2,728	9,445
<u>CHOICE</u>													
BLAIRMORE	-		-	-	-	-	304	875	9,958	5,311	7,567	53,733	77,748
<u>CHOICE</u>													
DISPOSED TO FORMATION	-		-	-	-	-	-	-	-	-	1,772	53,518	55,290
<u>CLIVE</u>													
"A"	17,702		2,251	667	166	1,970	6,200	16,450	17,675	16,305	11,999	13,006	104,391
"B"	-		-	-	-	-	-	-	-	-	-	24	24
"C"	1,347		4,331	7,540	20,421	21,776	52,163	44,814	48,141	69,643	69,155	70,209	409,630
TOTAL	19,049		6,582	8,207	20,657	23,746	58,383	61,264	65,816	85,948	81,154	83,239	514,045

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CLIVE	CUMULATIVE TO DEC. 31, 1953											TOTAL
		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
DISPOSED TO FORMATION	-	-	-	-	997	55,846	59,145	65,399	85,432	78,034	76,305	421,158
COLD LAKE												
COLONY	-	-	-	-	-	-	-	177	206	176	238	797
COMFREY												
BOW ISLAND	-	-	-	-	-	-	-	-	291	301	293	885
CONRAD												
ELLIS	400,696	189,880	232,444	244,629	224,719	230,227	217,698	200,490	113,101	74,313	70,770	2,198,967
CCUNTESS												
BOW ISLAND	-	-	-	-	-	-	-	-	1,149	884	1,916	3,949
BASAL COLORADO	-	-	-	-	-	-	-	-	-	-	27	27
BASAL BLAIRMORE	-	-	-	-	-	-	-	-	406	77	694	1,177
TOTAL	-	-	-	-	-	-	-	-	1,555	961	2,637	5,153
CROSSFIELD												
CARDIUM	-	-	-	16	13	-	20	69	-	-	44,063	44,181
CROSSFIELD RUNDLE	-	-	-	-	-	147	-	-	-	8,860	6,668	15,675
CALGARY RUNDLE	-	-	-	-	-	-	-	-	-	19,402	8,499	27,901
WABAMUN	-	-	-	-	8	-	-	-	-	5,900	13,819	19,727
TOTAL	-	-	-	16	21	147	20	69	-	34,162	73,049	107,484
DEER MOUNTAIN												
BEAVERHILL LAKE	-	-	-	-	-	-	-	-	-	938	465	1,403
DEL BONITA												
RUNDLE	10,375	4,906	3,935	4,509	3,173	3,702	3,401	2,725	1,489	2,047	2,118	42,380
DINA												
SPARKY	25,951	4,798	7,502	4,711	8,634	7,691	8,246	12,573	6,515	24,131	26,615	137,367
DRUMHELLER												
BLAIRMORE "A"	70	10	15	169	7	-	28	-	-	-	-	299
"B"	-	-	-	-	-	-	-	-	-	-	113	113
D-2 "A"	21,344	16,200	3,294	1,659	2,359	1,559	8,736	-	-	1,663	499	57,313
"B"	-	-	-	-	-	-	-	-	-	-	4,076	4,076
TOTAL	21,414	16,210	3,309	1,828	2,366	1,559	8,764	-	-	1,663	4,688	61,801
DRUMHELLER												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	1,604	-	1,604

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL	
DUHAMEL												
D-2	27,786	6,202	11,947	18,978	44,125	83,709	100,896	95,538	121,219	171,037	685,564	
D-3 NORTH	37,716	31,071	10,719	6,644	10,534	14,440	13,247	19,785	38,550	42,460	238,568	
SOUTH	-	-	644	15,250	29,861	19,219	26,418	31,758	37,798	51,408	212,356	
TOTAL	65,502	37,273	23,310	40,872	84,520	117,368	140,561	147,081	197,567	264,905	1,136,488	
DUHAMEL												
DISPOSED TO FORMATION	-	-	-	9,531	45,217	111,249	131,175	139,727	196,836	264,705	898,440	
DUVERNAY												
VIKING	-	-	-	-	-	-	-	-	-	12	12	
EAGLESHAM												
D-3	-	-	-	-	-	335	9	-	-	-	344	
ELK POINT												
BLAIRMORE	-	-	-	-	-	-	-	-	6	18	24	
ELLERSLIE												
BLAIRMORE	298	594	8,107	12,374	10,157	6,041	6,643	11,789	37,264	46,357	144,479	
ELLERSLIE												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	3,287	36,533	44,643	84,463	
ENCHANT												
ELKTOL	-	-	-	-	-	-	-	641	94	3,115	3,850	
ERSKINE												
D-2	-	-	-	-	-	1	-	4	44	159	208	
D-3	350	913	8,261	24,516	56,618	229,545	318,371	385,878	353,234	413,995	1,930,432	
TOTAL	350	913	8,261	56,618	138,751	229,546	318,371	385,882	353,278	414,154	1,930,640	
ERSKINE												
DISPOSED TO FORMATION	-	-	-	15,975	118,945	216,297	313,881	379,855	348,916	406,513	1,800,382	
ELZIKUM												
D-2	-	-	-	-	6,779	8,212	7,386	7,013	7,412	2,330	39,132	

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
EWING LAKE											
D-2 "A"	1,109	2,251	5,105	6,827	8,101	10,484	11,879	12,581	12,919	10,409	81,740
"B"	-	-	-	-	-	-	-	-	13,352	29,292	42,644
D-3	258	1,132	2,223	2,164	2,562	6,262	9,939	23,908	42,766	33,389	124,782
TOTAL	1,367	3,383	7,328	8,991	10,663	16,746	21,818	36,489	69,037	73,090	249,166
EWING LAKE											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	24,626	24,626
EXCELSIOR											
BLAIRMORE	1	-	-	-	-	-	-	-	-	-	38
D-2	48,259	69,280	88,413	89,158	72,924	90,675	90,566	116,339	172,996	209,842	1,100,150
TOTAL	48,260	69,280	88,413	89,158	72,924	90,675	90,566	116,339	172,996	209,842	1,100,188
EXCELSIOR											
DISPOSED TO FORMATION	19,312	64,051	83,848	87,717	72,773	90,699	90,693	120,264	174,505	209,572	1,036,772
FAIRYDELL BON ACCORD											
D-2 BON ACCORD	52,831	108,349	100,430	119,347	146,734	125,842	191,024	173,020	150,368	200,681	1,394,822
FAIRYDELL	1,223	12,448	25,109	30,624	40,996	39,140	32,679	27,686	-	2,568	212,473
D-3 FAIRYDELL	771	1,057	1,341	549	-	277	964	1,594	4,459	15,865	27,115
TOTAL	54,825	121,854	126,880	150,520	187,730	165,259	224,667	202,300	154,827	219,114	1,634,410
FAIRYDELL BON ACCORD											
DISPOSED TO FORMATION	52,487	108,121	100,250	119,271	146,734	125,842	190,998	173,020	150,366	200,681	1,368,996
FENN BIG VALLEY											
D-2	43,407	113,935	216,268	324,601	381,300	447,894	533,332	662,237	710,529	786,763	4,245,754
D-3 BIG VALLEY	329	287	296	183	24	23	24	13	11	-	2,011
BIG VALLEY NORTH	30	54	50	23	6	8	-	-	-	-	171
FENN	844	580	244	2,941	3,280	6,189	10,302	15,742	12,619	14,861	68,103
FENN NORTH	10	584	25,545	66,853	43,676	49,547	55,887	65,948	73,179	76,122	457,351
FENN OTHER	-	-	-	-	-	-	-	-	-	-	29
TOTAL	44,620	115,440	242,403	394,601	428,286	503,661	599,545	743,940	796,338	877,746	4,773,419
FENN BIG VALLEY											
DISPOSED TO FORMATION	-	65,296	166,360	312,604	398,713	523,797	641,740	769,118	960,860	961,564	4,800,052

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											TOTAL
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
FENN WEST											
D-2	-	-	-	-	-	-	-	-	25,141	53,993	79,134
FENN WEST											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	59,947	59,947
FORT SASKATCHEWAN											
VIKING	-	-	-	-	-	-	-	509	532	247	1,288
GARRINGTON											
CARDIUM "A" AND "B"	193	37	115	107	-	-	-	-	-	-	452
GARRINGTON SOUTH											
CARDIUM	-	-	-	-	-	-	-	-	17	-	17
GILBY											
BELLY RIVER											
VIKING "A"	39	187	1,066	13,001	16,287	7,167	3,479	1,174	7,070	24,129	73,645
BLAIRMORE "B"	-	-	-	-	-	-	-	204	651	(211)	644
JURASSIC "B"	-	-	-	57	43	3,652	2,713	7,337	15,447	16,917	46,166
"C"	-	-	-	-	-	5,786	4,571	17,308	30,092	35,580	93,337
RUNDLE "A"	-	-	-	5	-	-	-	-	600	-	600
"B"	-	-	-	-	-	199	-	-	-	72	77
"C"	-	-	-	-	-	24	183	950	230	-	199
"D"	-	-	-	-	-	-	-	-	-	-	1,387
"E"	-	-	-	-	-	-	-	9	-	-	9
TOTAL	39	187	1,066	13,063	16,330	16,828	10,946	26,982	54,092	77,327	216,906
GILBY											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	17,742	41,463	48,775	107,980
GLENEVIS											
BANFF	-	229	412	5,925	1,661	2,430	530	1,754	15,634	46,983	77,904
GLENEVIS											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	3,712	36,341	40,053

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>GLEN PARK</u>												
	357	546	1,469	3,850	2,153	1,568	597	-	-	-	2,554	13,094
BLAIRMORE												
D-2	78	71	46	15	-	3,206	2,132	2,557	1,845	7,256	10,365	27,571
D-3	10,048	9,357	14,492	57,138	33,094	48,264	15,147	22,503	48,530	94,874	147,126	500,573
TOTAL	10,483	9,974	16,007	61,003	35,247	53,038	17,876	25,060	50,375	102,130	160,045	541,238
<u>GLEN PARK</u>												
DISPOSED TO FORMATION	-	-	-	-	1,080	38,713	7,688	24,851	50,404	102,172	157,316	382,224
<u>GOLDEN SPIKE</u>												
	-	-	-	840	384	260	-	-	-	-	-	1,484
VIKING												
BLAIRMORE	-	-	-	3,446	485	97	-	-	-	-	-	4,028
D-1	-	-	6	2,367	664	318	259	-	800	-	-	4,414
D-2 NORTH	9,457	4,058	13,091	21,725	23,746	10,517	9,139	7,977	12,546	13,879	20,852	146,987
SOUTH	1,137	561	522	668	727	920	1,735	2,520	4,238	2,198	3,641	18,867
D-3 NORTH	47,785	22,407	64,837	77,649	91,342	114,466	121,376	137,593	144,441	189,035	211,816	1,222,747
SOUTH	19,937	6,658	6,755	7,875	4,447	526	887	12,158	43,598	64,167	48,205	215,213
TOTAL	78,316	33,684	85,211	114,570	121,795	127,104	133,396	160,248	205,623	269,279	284,514	1,613,740
<u>GOLDEN SPIKE</u>												
DISPOSED TO FORMATION	22,067	26,127	77,579	98,966	114,224	124,422	130,334	145,254	155,357	206,918	232,633	1,333,881
<u>GORDONDALE</u>												
	-	-	-	-	-	4,484	963	390	-	272	1,834	7,943
PEACE RIVER												
NOTIKEWIN	-	-	-	-	-	83	60	-	-	-	-	143
GETHING	-	-	-	-	-	271	52	241	1,698	336	1,294	3,892
WATER	-	-	-	-	-	-	-	-	-	69	170	239
TOTAL	-	-	-	-	-	4,838	1,075	631	1,698	677	3,298	12,217
<u>HAMELIN CREEK</u>												
	-	-	-	-	-	-	-	60	-	-	-	60
CADOMIN												
<u>HAMILTON LAKE</u>												
	30	106	466	259	197	271	102	29	1,509	5,747	13,889	22,605
VIKING												
<u>HARMATTAN EAST</u>												
	-	-	-	-	3	-	26	-	-	11	-	40
RUNDLE												
<u>HARMATTAN ELKTON</u>												
	-	-	24	11,329	10,598	24,230	49,905	63,102	79,286	137,522	222,129	598,125
RUNDLE												
WATER	-	-	-	-	-	-	-	-	16	-	-	16
WATER	-	-	-	-	-	-	-	-	-	28	1,068	1,096
TOTAL	-	-	24	11,329	10,598	24,230	49,905	63,102	79,302	137,550	223,197	599,237

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953													
HUSSAR (CONT'D)													
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL		
BASAL QUARTZ "A"	-	-	-	-	1,036	1,542	3,763	2,451	3,183	221	12,196		
"C"	1,733	1,579	1,906	1,318	959	2,224	(238)	923	939	436	14,141		
"D"	-	-	-	-	-	-	-	-	55	18	73		
"E"	-	-	-	-	-	-	20	83	55	-	158		
"F"	-	-	-	-	-	17	-	-	-	-	17		
"G"	-	-	-	-	-	-	248	385	-	-	633		
"H"	-	-	-	-	-	-	4	-	-	-	4		
"I"	-	1,489	8,835	6,771	2,131	1,187	1,400	1,538	1,698	1,041	26,090		
"L"	-	-	-	-	-	-	-	-	184	381	565		
TOTAL	1,733	3,851	10,741	8,089	5,900	5,147	8,060	10,648	14,506	11,000	81,254		
HUTTON													
VIKING	-	-	-	-	5	-	-	-	-	-	5		
INNISFAIR													
BLAIRMORE D-3	-	-	39	25	-	-	-	-	-	-	64		
TOTAL	-	-	39	50	1,733	2,547	27,845	4,729	-	-	36,879		
JOARCAM													
VIKING	639,463	496,815	909,712	1,155,417	1,172,886	1,353,495	1,601,702	1,898,807	2,051,783	2,077,219	14,031,490		
JOARCAM													
DISPOSED TO FORMATION	450,773	398,013	925,089	1,108,246	1,141,638	1,293,959	1,515,652	1,828,352	2,002,857	2,056,487	13,456,139		
JOFFRE													
VIKING	34	484	4,567	3,683	58,619	99,521	243,581	463,781	480,442	431,666	1,787,761		
BLAIRMORE "A"	-	-	-	-	50	-	-	-	-	25	75		
D-2	-	-	10	305	3,906	2,600	2,811	3,416	5,540	4,460	23,048		
TOTAL	34	484	4,577	3,988	62,575	102,121	246,392	467,197	485,982	436,151	1,810,884		
JOFFRE SOUTH													
VIKING	-	-	45	49	-	-	-	-	-	156	275		
JUDY CREEK													
BEAVERHILL LAKE WEST	-	-	-	-	-	-	3,749	1,185	3,778	1,137	9,849		
TOTAL	-	-	-	-	-	-	-	-	4,553	13,657	18,210		
JUDY CREEK SOUTH													
BEAVERHILL LAKE	-	-	-	-	-	-	3,749	1,185	8,331	14,794	28,059		
TOTAL	-	-	-	-	-	-	-	2,343	17,735	1,119	21,197		

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953	JUMPING POUND											TOTAL
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	
MISSISSIPPIAN	9,319	8,537	14,165	18,447	18,538	19,543	26,545	23,970	18,546	8,360		180,263
KAYBOB												
NOTIKEWIN	-	-	-	-	-	-	-	24	1	-		25
CADOMIN "B"	-	-	-	-	-	-	-	-	-	899		899
BEAVERHILL LAKE "A"	-	-	-	12	-	6	102	279	190	169		758
TOTAL	-	-	-	12	-	6	102	303	191	1,068		1,682
KAYBOB SOUTH												
TRIASSIC	-	-	-	-	-	-	-	-	-	294		294
KESSLER												
VIKING	968	2,104	721	994	773	630	534	563	288	283		7,853
LEAFLAND												
CARDIUM	-	34	54	122	40	-	-	-	-	-		250
VIKING	-	-	14	69	31	-	-	-	-	-		114
TOTAL	-	34	68	191	71	-	-	-	-	-		364
LEAHURSI												
BASAL BLAIRMORE	-	-	82	16	40	-	-	-	-	-		138
LEDFC-WOODBEND												
BLAIRMORE GILBERT	63,631	17,711	15,270	14,539	17,979	19,755	12,841	10,440	8,140	11,062		201,479
N WOODBEND "A"	8,346	11,529	11,053	14,778	13,297	16,477	16,313	21,065	6,930	20,956		173,532
N WOODBEND "B"	-	13	11	75	318	327	-	-	-	-		748
W DEVON	349	101	102	24	72	370	262	412	1,285	1,271		4,340
"C"	-	-	-	-	-	-	-	-	-	-		24
"D"	-	102	140	134	486	6,534	5,932	6,202	3,566	-		5,316
"E"	76	34	24	12	-	-	-	-	11	178		353
"F"	34	4,370	3,897	4,766	4,467	3,659	4,476	4,637	2,434	425		33,679
"G"	217	-	-	-	-	-	-	-	-	-		222
"H"	61	-	-	-	-	-	-	-	-	-		61
D-1	-	-	-	-	-	-	-	-	-	-		61
Basal LEAFLAND	23	-	-	-	-	-	-	-	-	-		23
D-2 "A"	15,100	137,451	209,642	253,124	371,064	442,938	493,872	684,232	44,477	1,111,006		5,177,005
"B"	14,000	285,962	450,041	650,109	882,849	917,837	899,173	964,625	843,612	1,040,111		7,278,392
"C"	14,000	52,745	96,737	148,041	230,992	235,780	186,991	181,514	24,000	44,000		1,284,148
"D"	4,008	339	890	4,055	3,203	3,730	3,447	2,047	3,928	2,607		3,120
"E"	2,665	2,860	5,476	8,245	7,603	10,744	16,426	15,580	13,028	12,651		98,837
D-3 "A"	14,000	138,900	207,446	340,516	441,800	495,374	442,997	441,115	33,318	1,111,111		2,814,466
"B"	71,367	12,337	13,903	106,880	131,472	180,710	370,677	376,580	363,542	31,544		3,111,111
"C"	14,000	112	545	1,267	1,446	38,329	40,561	44,709	-	-		202,652
"D"	55	63	56	33	7	326	446	4,784	17,117	20,328		43,868
TOTAL	1,116,617	765,129	1,127,443	1,663,234	2,214,111	2,476,344	2,501,469	3,260,103	2,606,616	2,842,308		18,000,410

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL	
<u>LEDUC WOODBEND</u>												
DISPOSED TO FORMATION	199,801	622,058	1,017,934	1,583,847	2,154,534	2,437,751	2,232,566	1,280,055	938,070	949,468	13,739,473	
<u>LEGAL</u>												
VIKING MANNVILLE	11,533	26,676	27,921	42,261	46,759	52,261	57,447	51,485	59,798	130,427	527,420	
	-	-	-	-	-	-	-	-	-	14,008	14,008	
TOTAL	11,533	26,676	27,921	42,261	46,759	52,261	57,447	51,485	59,798	144,435	541,428	
<u>LEGAL</u>												
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	44,775	161,417	206,192	
<u>LITTLE SMOKY</u>												
D-3	-	1,439	5,430	10,617	30,390	52,856	58,154	66,370	84,917	149,236	459,727	
<u>LITTLE SMOKY</u>												
DISPOSED TO FORMATION	-	-	-	5,771	30,229	52,287	55,585	65,707	85,217	149,236	444,032	
<u>LLOYDMINSTER</u>												
COLONY SPARKY	31,512 910,136	1,738 362,992	4,366 346,131	36 316,853	201 258,787	173 283,343	83 300,532	44 246,027	249 154,980	(9) 284,229	40,034 3,772,796	
TOTAL	941,648	364,730	350,497	316,889	258,988	283,516	300,615	246,071	155,229	284,220	3,812,830	
<u>LLOYDMINSTER*</u>												
DISPOSED TO FORMATION	1,721,067	695,854	329,007	305,190	241,609	265,529	300,054	246,914	144,870	292,600	5,408,517	
<u>LOOKOUT BUTTE</u>												
MISSISSIPPIAN	-	-	-	-	-	-	-	3,270	-	3,788	7,058	
<u>LOUSIANA</u>												
D-2	-	-	-	-	-	-	90	-	263	1,442	1,795	
<u>LOVETT RIVER</u>												
RUNDLE	-	-	-	-	3	-	-	-	-	-	3	
<u>MACBETH</u>												
MANNVILLE	-	-	-	-	-	108	-	491	3,387	5,542	9,528	

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

MALMO	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
BLAIRMORE	442	3,500	4,397	7,625	9,021	22,132	24,810	68,507	72,696	52,348	61,540	327,018
D-2	5,161	5,150	8,618	12,550	27,566	126,161	167,528	140,007	206,024	194,165	218,444	1,111,274
D-3	13,089	17,586	10,824	11,562	7,945	44,049	51,666	75,093	138,914	196,610	263,183	830,521
TOTAL	18,599	26,236	23,839	31,737	44,532	192,342	244,004	283,607	417,634	443,123	543,167	2,268,813
MALMO												
DISPOSED TO FORMATION	-	-	-	-	14,535	201,676	271,728	306,270	425,853	451,575	546,375	2,218,012
MANYBERRIES												
BOW ISLAND	-	-	-	-	-	-	-	1,566	21,345	2,369	902	26,182
MEDICINE HAT												
MEDICINE HAT BOW ISLAND	-	-	-	-	-	-	-	11,714	1,011	1,332	1,057	15,114
TOTAL	-	-	-	-	-	-	-	11,714	1,011	1,332	3,522	17,579
MEDICINE RIVER												
OSTRACOD	-	-	-	-	-	-	-	-	-	-	10	10
BASAL QUARTZ "B"	-	-	-	-	-	-	-	-	5	5	939	949
"E"	-	-	-	-	-	-	-	-	-	-	301	301
JURASSIC "A"	-	19	33	19	33	-	2,539	5,893	669	1,076	2,999	13,228
"B"	-	-	-	-	-	-	-	-	-	-	219	219
PERISKO "B"	-	-	-	-	-	-	-	2,545	5,597	2,091	9	10,242
"C"	-	-	-	-	-	-	-	-	2,735	3,742	3,094	9,571
"D"	-	-	-	-	-	-	-	-	70	2,456	5,491	8,017
TOTAL	-	19	33	19	33	-	2,539	8,438	9,076	9,370	13,062	42,537
MEDICINE LAKE												
VIKING	-	5	-	-	-	-	-	-	-	103	-	108
TOTAL	-	5	-	-	-	-	-	39	-	4,089	14,342	18,470
MURRAYVILLE												
"A"	7,540	1,667	3,393	7,936	13,819	14,797	8,860	14,448	18,291	18,120	11,542	121,419
D-3 "A"	3,044	1,117	1,500	15,569	18,398	13,876	3,882	-	-	-	-	79,252
D-3 "B"	-	-	-	-	5	224	-	407	735	1,752	5,077	8,200
TOTAL	10,582	13,945	16,606	23,505	32,222	28,897	12,742	16,319	26,422	30,227	27,657	239,124

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953	NEVIS										TOTAL
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
D-1	2,552	2,641	3,297	4,263	4,265	4,287	3,207	-	-	-	27,202
D-3	-	-	-	-	-	35	-	-	-	-	35
TOTAL	2,552	2,641	3,297	4,263	4,265	4,322	3,207	-	-	-	27,237
NEW NORWAY											
BLAIRMORE	-	-	-	-	-	-	-	-	-	-	2
D-1	-	-	-	-	-	-	-	-	-	-	3
D-2	515	558	611	3,011	4,143	7,171	13,966	27,821	39,543	43,385	141,415
D-3	4,573	5,770	5,402	8,804	12,647	20,026	39,115	84,711	74,547	97,614	360,550
TOTAL	5,088	6,328	6,013	11,815	16,790	27,197	53,081	112,532	114,093	140,999	502,373
NEW NORWAY											
DISPOSED TO FORMATION	-	-	-	-	-	-	34,143	109,762	111,413	139,759	395,077
NORMANDVILLE											
JURASSIC	-	-	-	312	997	1,048	-	-	-	-	2,357
MISSISSIPPIAN "B"	-	-	-	48	393	235	67	-	-	-	743
D-1	-	-	-	656	1,524	495	245	147	195	112	3,374
D-3 "A"	3,339	-	-	589	418	456	181	153	196	263	29,191
"B"	-	-	-	-	-	1,577	3,416	4,364	4,550	4,319	18,226
TOTAL	3,339	-	-	1,605	3,332	3,811	3,909	4,664	4,941	4,694	53,891
OBERLIN											
BASAL BLAIRMORE	389	-	-	-	-	-	-	-	-	-	389
OKOTOKS											
D-1	-	-	-	-	335	4,919	10,029	6,301	4,794	4,930	31,308
PADDLE RIVER											
JURASSIC DETRITAL	-	-	-	-	-	-	-	-	1,273	1,421	2,694
RUNDLE "A"	-	-	86	-	-	-	-	-	100	-	186
"B"	-	-	-	-	-	-	-	-	50	1,040	1,090
TOTAL	-	-	86	-	-	-	-	-	1,423	2,461	3,970
PARKLAND											
TURNER VALLEY	-	-	-	-	-	-	-	-	-	15,600	15,600
PEAVEY											
VIKING	601	-	3,660	6,455	5,768	5,251	5,044	10,661	16,748	16,545	76,823
BLAIRMORE	2,740	9,986	12,213	15,494	13,370	11,586	12,207	13,510	13,215	12,756	131,311
TOTAL	3,341	9,986	15,873	21,949	19,138	16,837	17,251	24,171	29,963	29,301	208,134

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
PEMBINA												
Belly River Keystone "8" "C" "K" "L" "M" "O"		-	-	-	-	12	490	526	109	-	2,192	3,329
		-	-	-	-	-	-	446	5	-	2,453	2,904
		-	-	-	-	-	-	-	-	-	47	47
		-	-	-	-	-	-	-	-	14	3,789	3,803
		-	-	-	-	-	-	-	-	763	5,525	6,288
PEMBINA "G" "H" "I"		-	-	-	-	-	-	-	-	-	578	578
		-	-	3,860	3,256	2,997	3,008	2,816	2,615	1,511	1,082	21,145
		-	-	8	8	-	-	-	-	30	189	235
		-	246	352	6,723	14,740	16,472	14,935	14,851	18,223	19,265	105,875
		72	1,050	14,134	13,010	108,167	600,641	1,221,933	1,894,058	2,245,031	2,983,233	9,096,807
CARDIUM VIKING		-	1	-	-	-	-	-	-	-	-	2
PEKISKO		-	3,559	-	-	-	-	-	-	-	-	3,559
TOTAL		72	1,297	18,354	22,997	125,916	620,611	1,240,656	1,911,638	2,265,572	3,018,353	9,244,572
PEMBINA												
Disposed to Formation		-	-	-	-	-	-	-	-	-	12,835	12,835
PENDANT D'OREILLE												
Bow Island		-	-	-	-	85	192	3,667	3,692	4,318	1,633	13,587
PINCHER CREEK												
Mississippian		203	-	-	801	117,251	162,498	157,973	107,094	217,769	362,968	1,126,557
PINCHER CREEK												
Disposed to Formation		-	-	-	-	52,090	148,592	139,848	90,382	217,492	364,706	1,013,110
PINE CREEK												
D-3		-	-	-	-	291	-	1,896	6,227	31,047	157,667	197,128
PINE CREEK												
Disposed to Formation		-	-	-	-	-	-	-	-	17,336	156,623	173,959
POUCE COUPE												
Cadotte		-	-	-	-	103	3,717	2,484	4,281	2,647	1,707	14,939
POUCE COUPE SOUTH												
DOE CREEK PEACE RIVER GETHING LABOURET		-	-	-	-	-	-	-	21	39	194	254
		-	-	-	-	1,369	17,883	23,995	10,170	9,520	9,742	72,679
		-	-	-	-	-	-	4,401	14,603	5,714	5,848	30,566
		-	-	-	-	-	-	1,034	1,034	-	-	2,068
		-	-	-	-	-	-	-	-	-	-	-
TOTAL		-	-	-	-	1,369	17,883	29,430	25,116	16,273	6,744	106,555

CUMULATIVE TO
DEC. 31, 1953

POUCE COUPE SOUTH

DISPOSED TO FORMATION												12,436	19,754	27,355	13,034	14,847	87,426
PRINCESS																	
BASAL BLAIRMORE																	
165	590,014	4,813	15,513	5,691	4,341	4,681	4,380	3,703	1,937	2,278	4,978						
262,183	50,210										687,562						
199,627	1,090		1,015								358,143						
											201,872						
1,172,059	56,113	16,598	5,691	4,341	4,681	4,380	3,703	1,937	2,278	1,082,595							
PROVOSTI																	
VIKING "A"																	
			3			100	44	249	206	241	443						
							26	65	1,073	1,865	3,009						
							19	61	735	294	1,159						
						100	89	375	2,064	2,400	5,031						
RED EARTH																	
GRANITE WASH																	
				6	221	131		83	1,198	520	2,164						
REDWATER																	
0-1									2	4,711	4,713						
0-3	4,123,478	3,526,619	5,219,589	6,391,823	8,402,874	10,910,901	12,152,030	14,898,176	17,171,523	18,302,453	108,351,926						
TOTAL	4,123,478	3,526,619	5,219,589	6,391,823	8,402,874	10,910,901	12,152,030	14,898,176	17,171,525	18,307,164	108,356,639						
REDWATER																	
DISPOSED TO FORMATION	2,739,599	3,386,021	4,895,976	6,175,990	7,116,367	10,836,335	12,144,949	14,881,830	17,141,688	18,316,769	105,940,913						
ROCKY MOUNTAIN HOUSE																	
CARDIUM		368	15	52		329	2				766						
ROSEBUD																	
BLAIRMORE				1							1						
ROWLEY																	
PEKISKO							125	308	346	296	1,075						
RYCROFT																	
BLUESKY									4	2	6						
GETTING					10	526				15	551						
TOTAL					10	526			4	17	557						

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953		ST. ALBERT-BIG LAKE										
		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
OSTRACOD	-	169	544	510	581	367	503	500	927	1,643	864	6,608
BASAL QUARTZ "C"	-	-	-	-	-	-	-	-	-	-	66	66
D-1	-	-	-	-	-	1,618	4,463	5,243	7,007	7,892	9,441	35,664
D-3	135	128	117	190	100	-	-	-	-	-	34	754
BIG LAKE D-1	-	-	-	-	-	38	119	5,205	16,808	37,112	38,788	98,070
D-2	-	-	-	264	365	11,152	252	1,479	2,372	3,023	2,676	21,583
D-3	-	-	-	184	1,373	-	79	10	-	252	(252)	1,646
TOTAL	185	297	661	1,148	2,419	13,175	5,416	12,437	27,114	49,922	51,617	164,391

ST. ALBERT-BIG LAKE

DISPOSED TO FORMATION

ST. PAUL

BLAIRMORE

SAMSON

BLAIRMORE WEST

SARCEE

RUNDLE

SIBBALD

VIKING

SIMONEITE

D-3

SIMONEITE

DISPOSED TO FORMATION

SKARG

COOKING LAKE

SKARO

DISPOSED TO FORMATION

SMITH COULEE

BOW ISLAND

DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	45,769	50,526	96,295
ST. PAUL	-	-	-	-	-	-	-	52	89	141	131	413
BLAIRMORE	-	-	-	-	-	-	-	-	-	-	-	-
SAMSON	-	-	-	-	-	-	-	-	-	-	-	-
BLAIRMORE WEST	7,599	9,642	4,278	3,870	1,383	1,682	1,301	2,326	5,317	3,673	2,438	43,509
SARCEE	-	-	-	-	-	-	-	-	816	2,754	2,658	6,228
RUNDLE	-	-	-	-	-	-	-	-	-	-	-	-
SIBBALD	-	-	-	-	-	-	-	-	-	-	-	-
VIKING	-	-	-	-	-	-	-	-	165	208	152	525
SIMONEITE	-	-	-	-	-	-	-	-	-	-	-	-
D-3	-	-	-	-	-	-	824	7,256	12,408	166,535	236,104	423,127
SIMONEITE	-	-	-	-	-	-	-	-	-	160,593	235,988	396,581
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	-	-	-
SKARG	-	-	-	-	-	-	-	-	-	-	-	-
COOKING LAKE	4,379	3,984	-	-	-	-	9,944	21,665	17,167	-	16,020	73,159
SKARO	-	-	-	-	-	-	-	-	-	-	-	-
DISPOSED TO FORMATION	-	-	-	-	-	-	8,560	21,578	17,000	-	15,750	62,888
SMITH COULEE	-	-	-	-	-	-	-	-	-	-	-	-
BOW ISLAND	-	-	-	-	-	-	-	578	931	1,000	995	3,504

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WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
SN. IPE LAKE											
BEAVERHILL LAKE											
-	-	-	-	-	-	-	-	-	-	748	748
SPRING COULEE											
RUNDLE	4,223	1,798	673	1,022	917	1,142	982	1,093	701	1,113	14,983
STETTLER											
VIKING	-	-	-	-	-	-	-	-	-	-	58
D-2	17,120	5,971	207,219	250,206	213,843	189,130	127,887	126,251	74,153	69,896	1,220,061
D-3	5,900	11,924	44,809	59,074	44,633	77,456	78,840	97,786	113,598	132,639	668,209
NE	16	200	118	60	-	-	-	-	116	-	524
TOTAL	23,036	54,457	252,146	309,400	264,476	266,636	206,727	224,037	187,867	203,535	1,993,912
STETTLER											
DISPOSED TO FORMATION	-	20,241	252,887	376,258	298,008	273,426	209,718	235,512	198,306	213,272	2,077,628
STETTLER SOUTH											
D-2	495	188	1,453	1,632	594	5,688	2,454	2,318	7,913	4,284	27,563
D-3	658	1,043	9,370	24,451	33,818	31,426	38,711	44,843	50,354	50,152	291,834
TOTAL	1,153	1,231	10,823	26,083	34,412	37,114	41,165	47,161	58,267	54,436	319,397
STURGEON LAKE											
D-3	2,012	364	8,228	9,269	4,723	-	-	-	580	-	31,654
STURGEON LAKE SOUTH											
TRIASSIC "A"	-	-	7,046	18,356	26,390	44,782	49,316	69,896	69,028	83,603	368,521
"B"	-	-	-	83	4,608	18,868	25,716	29,480	30,860	28,336	137,951
D-2	-	-	-	8	2	-	-	-	-	-	10
D-3	44	210	11,323	72,115	198,364	365,936	470,393	476,041	596,714	709,807	2,921,150
TOTAL	44	210	27,249	90,562	229,364	429,586	545,425	575,417	696,602	821,746	3,427,632
STURGEON LAKE SOUTH											
DISPOSED TO FORMATION	-	-	-	43,817	178,493	374,001	510,011	546,984	684,360	828,230	3,165,896
SUNDRE											
RUNDLE "A"	-	1,671	6,676	22,545	53,776	151,310	225,741	281,272	306,584	208,660	1,258,235
SUNDRE											
DISPOSED TO FORMATION	-	-	-	9,273	57,730	159,454	224,534	280,122	304,489	209,516	1,245,118

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											TOTAL
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
SWAN HILLS											
BEAVERHILL LAKE	-	-	-	-	-	2,481	110	6,671	28,988	17,623	55,873
SYLVAN LAKE											
ELLERSLIE	-	-	-	-	-	-	-	-	-	6	6
JURASSIC "A"	-	-	-	-	-	-	-	-	-	15	15
"D"	-	-	-	-	-	-	-	-	-	5,029	5,029
ELKTON "A"	-	-	-	-	-	-	-	-	-	2	2
"C"	-	-	-	-	-	-	-	-	-	952	952
PEKISKO "A"	-	-	-	-	-	-	-	-	-	2,363	2,363
"B"	-	-	-	-	-	-	-	-	-	3,715	3,715
"C"	-	-	-	-	-	-	-	-	-	365	365
"D"	-	-	-	-	-	-	-	72	1,943	4,449	6,464
"E"	-	-	-	-	-	-	-	-	-	71	71
"G"	-	-	-	-	-	-	-	-	-	44	44
D-3	-	-	-	-	-	-	-	-	1,408	721	2,129
TOTAL	-	-	-	-	-	-	-	72	3,351	17,732	21,155
TABER											
BLAIRMORE	217,163	64,239	81,272	76,996	80,044	75,436	77,408	33,836	60,348	93,768	940,424
TABER											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	12,650	12,650
TABER SOUTH-EAST											
MANNVILLE	-	-	-	-	-	-	-	-	-	5,356	5,356
THOMPSON LAKE											
BLAIRMORE	-	-	-	-	16,300	179,954	253,758	162,249	169,644	200,181	982,086
THOMPSON LAKE											
DISPOSED TO FORMATION	-	-	-	-	12,077	178,429	250,836	162,789	169,483	198,528	972,142
THREE HILLS CREEK											
PEKISKO	-	-	-	-	-	-	6	-	-	23	29
TABER VALLEY											
SHALLOW RINDLE	10 437,700	12,119	110,954	89,495	78,446	65,331	45,454	29,375	53,747	124,216	1,061,506
TOTAL	437,710	129,219	120,954	89,495	88,769	65,331	45,454	29,375	53,747	124,216	1,061,516
TABER VALLEY											
DISPOSED TO FORMATION	-	-	-	-	6,352	6,695	7,314	2,325	-	-	22,686

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953									
	1954	1955	1956	1957	1958	1959	1960	1961	1962	TOTAL
<u>TWINING</u>										
RUNDLE	490	500	237	221	246	174	97	372	5,637	15,604
<u>TWINING NORTH</u>										
RUNDLE	-	-	-	-	-	-	-	-	8,512	15,102
<u>VERMILION</u>										
SPARKY	1,536	-	-	-	-	-	473	-	-	279,244
<u>VIRGINIA HILLS</u>										
BEAVERHILL LAKE	-	-	-	-	-	-	701	8,361	10,566	17,889
<u>WAINWRIGHT</u>										
WAINWRIGHT	14,885	24,772	48,409	73,605	93,998	119,747	102,150	103,890	108,997	47,950
<u>WAINWRIGHT</u>										
DISPOSED TO FORMATION	-	24,888	68,583	80,949	83,697	140,532	110,801	113,760	117,796	41,439
<u>WATERION</u>										
RUNDLE "A"	-	-	-	-	-	-	-	2,097	15	2,112
RUNDLE "B"	-	-	-	1,063	-	-	-	13,451	62	1,275
WABAMUN	-	-	-	-	-	-	-	-	-	264
TOTAL	-	-	-	1,063	-	-	-	15,548	77	1,539
<u>WAYNE ROSEDALE</u>										
BASAL QUARTZ "B"	60	1,027	1,090	1,109	1,156	1,689	1,736	1,872	1,629	1,702
OTHER	-	-	-	-	-	-	-	-	22	1
GLAUCONITIC	-	-	-	-	-	-	-	-	162	366
TOTAL	60	1,027	1,090	1,109	1,197	1,689	1,736	1,872	1,813	2,069
<u>WEST DRUMHELLER</u>										
D-2	8,723	25,012	46,707	72,971	106,382	151,976	242,543	343,690	387,823	466,908
D-3	-	357	4,676	10,123	24,069	35,303	42,182	85,678	92,614	103,994
TOTAL	8,723	25,369	51,383	83,094	130,451	187,279	291,725	429,368	480,437	570,902
<u>WEST DRUMHELLER</u>										
DISPOSED TO FORMATION	2,042	28,013	38,106	71,695	129,968	192,584	290,460	428,060	478,999	566,813

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
WESTEROSE												
D-3	1,921	1,789	2,270	2,296	1,165	-	27	-	-	-	-	9,468
WESTEROSE SOUTH												
D-3	-	-	-	-	6	-	-	29	-	-	-	35
WESTLOCK												
VIKING	-	-	-	-	-	-	-	-	-	-	244	244
WESTWARD HO												
RUNDLE	-	-	287	641	879	390	320	302	172	264	-	3,255
WHITELAW												
BLUESKY "A"	-	-	-	-	-	-	-	-	12	19	15	46
GETTING "B"	-	-	-	-	-	-	2	10	52	152	81	297
TOAD GRAYLING	-	-	-	-	-	-	-	3	87	706	849	1,645
PERMO PENN	-	-	-	-	-	-	-	-	-	330	-	330
28,954												28,954
TOTAL	28,954	-	-	-	-	-	2	13	151	1,207	945	31,272
WHITEMUD												
BLA IRMORE	27,585	8,435	6,556	7,583	5,395	6,251	7,107	712	-	-	3,490	73,114
WHITEMUD												
DISPOSED TO FORMATION	-	-	-	-	-	-	4,195	612	-	-	-	4,807
WILDCAT HILLS												
MISSISSIPPIAN	-	-	-	-	-	-	-	48	-	5,975	-	6,023
WILLESDEN GREEN												
BELLY RIVER "B"	-	-	-	4	-	-	-	-	-	-	-	4
CARDIUM	-	-	81	273	478	-	-	-	-	-	167	999
TOTAL	-	-	81	277	478	-	-	-	-	-	167	1,003
WILLINGDON												
MANNVILLE "A"	-	-	-	-	-	-	-	-	-	-	9	9
"B"	-	-	-	-	-	-	-	-	-	-	2	2
TOTAL	-	-	-	-	-	-	-	-	-	-	11	11

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953											
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>WIMBORNE</u>											
D-2	16	3,615	-	-	-	-	-	-	932	2,588	6,297
D-3	-	1	45	4,111	8,340	12,443	8,662	7,992	8,100	8,342	58,080
TOTAL	16	3,616	45	4,111	8,340	12,443	8,662	7,992	9,032	10,971	64,377
<u>WINDFALL</u>											
VIKING.	-	-	-	-	128	531	396	-	-	-	1,055
D-3	-	-	42	4	-	828	4,266	25,959	30,713	64,605	127,017
TOTAL	-	-	42	4	128	1,359	5,262	25,959	30,713	64,605	128,072
<u>WINDFALL</u>											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	39,369	39,869
<u>WIZARD LAKE</u>											
BLAIRMORE "A"	341	-	-	-	527	6,967	1,295	-	-	-	9,130
"B"	-	-	-	-	295	637	400	-	-	-	1,332
D-2	-	-	-	-	2,832	15,825	14,056	12,470	8,676	12,670	66,529
D-3	9,039	14,499	96,370	97,902	10,192	190	-	2,757	7,159	5,765	259,802
TOTAL	9,380	14,499	96,370	97,902	13,846	23,619	15,751	15,227	15,835	18,435	336,799
<u>WIZARD LAKE</u>											
DISPOSED TO FORMATION	-	10,688	146,503	126,370	13,424	25,351	26,866	31,209	20,717	21,348	422,476
<u>WOOD RIVER</u>											
D-3	1	-	-	275	1,260	1,325	-	-	-	-	2,861
<u>WORSLEY</u>											
TRIASSIC	-	-	-	-	-	-	-	31	871	1,665	2,567
D-3	-	-	-	-	-	-	-	-	70	-	70
TOTAL	-	-	-	-	-	-	-	31	941	1,665	2,637
<u>YEKAU LAKE</u>											
D-3	-	25	99	5,956	10,693	12,304	12,414	16,932	54,165	63,503	176,091
<u>YEKAU LAKE</u>											
DISPOSED TO FORMATION	-	-	-	-	-	-	-	-	-	35,136	35,136
<u>YOUNGSTOWN</u>											
ARCS	-	-	120	-	-	-	-	-	-	115	235

WATER PRODUCTION AND DISPOSED TO FORMATION
(BARRELS AT 60° F.)

CUMULATIVE TO
DEC. 31, 1953

TOTAL

1963

1962

1961

1960

1959

1958

1957

1956

1955

1954

UNDEFINED POOLS

UNDEFINED POOLS

DISPOSED TO FORMATION

PROVINCIAL TOTAL

*LESS DISPOSED TO FORMATION

NET PROVINCIAL TOTAL

A -- AMENDED

* -- DOES NOT INCLUDE SASKATCHEWAN WATER INJECTED IN LLOYDMINSTER FIELD.

CONDENSATE PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	<u>AVERAGE DAILY PRODUCTION</u>	<u>ANNUAL PRODUCTION</u>	<u>CUMULATIVE PRODUCTION</u>
CUMULATIVE TO 1950	-	-	8,836,182
1951	231	84,426	8,920,608
1952	219	80,010	9,000,618
1953	314	114,662	9,115,280
1954	119	43,466	9,158,746
1955	500	182,532	9,341,278
1956	544	199,056	9,540,334
1957	1,941	708,400	10,248,734
1958	2,120	773,934	11,022,668
1959	3,130	1,142,317	12,164,985
1960	6,519	2,386,018	14,551,003
1961	9,112	3,326,061	17,877,064
1962	19,342	7,059,770	24,936,834
1963	8,679	3,167,939	28,104,773

CONDENSATE PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

(BARRELS AT 60° F.)

FIELD	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
ACHESON												
BLAIRMORE "D"	-	-	-	-	-	-	-	-	-	8,303	17,565	25,868
BONNIE GLEN												
D-3 "B"	-	-	-	-	-	-	-	-	3,489	66,273	73,101	142,863
BOW ISLAND												
REPRODUCED	-	-	-	-	-	-	14	-	-	-	-	14
CARBON												
GLAUCONITIC	-	-	-	-	-	-	2,571	3,361	-	3,490	3,415	12,837
CARSON CREEK												
BEAVERHILL LAKE "A"	-	-	-	-	-	-	-	-	10,159	19,204	12,533	41,900
"B"	-	-	-	-	-	-	-	-	3,205	6,597	10,701	20,503
TOTAL	-	-	-	-	-	-	-	-	13,364	25,805	23,234	62,403
CARSTAIRS												
MISSISSIPPIAN	-	-	-	-	-	234	-	422,750	632,911	659,917	270,888	1,986,700
CESSFORD												
COLORADO "A"	-	-	-	-	-	-	-	-	-	-	-	44
BLAIRMORE "A"	-	-	-	-	-	-	25	44	89	28	82	265
TOTAL	-	-	-	-	-	-	25	85	89	28	82	309
CHIGWELL												
MANNVILLE "A"	-	-	-	-	-	-	-	-	407	-	-	407
COULESS												
BASEL BLAIRMORE	-	-	-	-	-	-	-	-	351	-	-	351
CROSSFIELD												
CROSSFIELD RUNDLE	-	-	-	-	911	2,539	-	498	1,536	665,644	185,004	856,132
CALGARY RUNDLE	-	-	-	-	206	316	614	-	-	190,833	81,855	273,824
WABAMUN	-	-	-	-	-	-	-	-	-	-	2,497	2,497
TOTAL	-	-	-	-	1,117	2,855	614	498	1,536	856,477	269,356	1,132,453
CLIFF												
RUNDLE "A"	-	-	-	-	6,210	718	-	-	-	-	-	6,928
"C"	-	-	-	-	-	-	1,688	8,460	465	2,108	9,654	22,375
"D"	-	-	-	-	-	-	-	449	184	222	-	855
BLAIRMORE "A"	-	-	-	-	-	-	-	-	4,125	2,128	14,351	20,604

CONDENSATE PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

176

CUMULATIVE TO
DEC. 31, 1953

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
<u>GILBY (Cont'd)</u>											
<u>JURASSIC "A"</u>											
TOTAL	-	-	-	6,210	718	1,688	8,909	4,774	4,458	25,845	1,840
<u>GOLDEN SPIKE</u>											
D-1	-	168	-	-	-	-	-	1,895	5,014	3,450	10,527
<u>HARMAITIAN EAST</u>											
RUNDLE	-	-	-	-	-	1,579	2,330	2,839	22,793	46,897	76,438
<u>HARMAITIAN ELKION</u>											
RUNDLE "A" & MAIN	-	-	-	-	-	-	1,658	144	-	73	1,875
TOTAL	-	-	3,239	2,875	1,437	-	84	114,738	164,443	116,099	402,915
<u>HOMEGLÉN RIMBEY</u>											
D-3	-	3,267	144	7,245	1,959	242	2,064	27,809	34,972	41,401	120,736
<u>HUSSAR</u>											
VIKING "A"	-	-	-	-	-	-	-	-	11	3	14
BASAL COLORADO "D"	-	-	-	-	-	-	-	-	221	118	339
BASAL QUARTZ "D"	-	-	-	-	-	13	124	82	178	722	1,119
GLAUCONITIC "A"	-	-	-	-	-	131	-	-	1,694	3,153	4,978
"G"	-	-	170	-	12	513	2,318	6,145	2,338	1,721	13,217
OSTRACOD "F"	-	-	-	-	-	-	-	-	-	1,249	1,249
TOTAL	-	-	170	-	12	657	2,442	6,227	4,826	6,966	21,300
<u>INNISFAIR</u>											
D-3	-	-	-	-	-	-	11,165	147,531	89,494	53,604	301,794
<u>JUMPING POUND</u>											
MISSISSIPPIAN REPRODUCTION STORAGE	214,847	109,424	146,067	178,053	192,727	184,125	175,573	166,969	145,675	89,597	1,723,744
TOTAL	-	(76,766)	10,858	-	-	-	-	-	-	-	63,717
TOTAL	214,847	32,658	156,925	178,053	192,727	184,125	175,573	166,969	145,675	89,597	1,701,387

CONDENSATE PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953										
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
KAYBOB											
NOTKEWIN	-	-	-	-	-	-	-	47	1,462	81	1,590
KESSLER											
VIKING	-	-	-	-	-	-	-	-	221	-	221
LEAHURST											
BASAL BLAIRMORE	-	-	828	-	-	-	-	-	-	59	1,128
LEDUC WOODBEND											
VIKING "A"	-	-	-	-	-	-	-	-	658	303	961
"B"	-	-	-	-	-	-	-	-	245	292	537
BASAL QUARTZ	534	-	-	-	-	556	480	4,085	10,220	33,016	56,891
D-1	-	-	-	-	-	-	-	-	12	10,440	10,452
TOTAL	534	-	-	-	-	556	480	4,085	19,135	44,051	68,841
LOOKOUT BUTTE											
MISSISSIPPIAN	-	-	-	-	-	17,946	26,605	37,479	2,857	46,506	131,393
MINNIEK BUCK LAKE											
PEKISKO	145	-	-	-	-	-	279	821	-	-	1,245
MORINVILLE											
BASAL QUARTZ	1,430	483	2,993	1,212	2,054	1,998	5,046	12,622	8,253	6,222	43,225
NEVIS											
LEAHURST	-	-	-	-	-	-	12,216	8,032	11,074	11,151	42,845
D-1	-	-	-	-	-	1,193	-	-	-	-	1,193
TOTAL	-	372	-	-	-	1,193	12,216	8,032	11,074	11,151	44,038
OVERLIN											
BASAL BLAIRMORE	4,377	153	97	42	41	21	129	98	88	77	5,123
OXFORD											
VIKING	-	-	1,279	-	489	10,521	27,886	29,971	30,670	12,011	112,827
PARKLAND											
TURNER VALLEY	-	-	-	-	-	-	-	679	-	-	679
REDFORD											
BASAL BLAIRMORE	-	-	-	-	-	-	-	-	-	10,651	30,716
D-1	-	-	-	-	-	-	-	-	-	726	2,993

CONDENSATE PRODUCTION
TO FARMER LOPSACK

10,651
2,267

30,716
2,993

CONDENSATE PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL	
PEMBINA (CONT'D)												
CARDIUM	-	-	-	-	-	-	-	581	6,364	15,482	22,427	
TOTAL	-	-	-	-	-	-	-	606	36,671	26,859	64,136	
PENDANT D'OREILLE												
Bow Island	-	-	-	-	-	-	1	-	-	-	1	
PINCHER CREEK												
MISSISSIPPIAN	27,047	-	12,875	452,413	526,463	797,459	1,019,282	990,840	984,314	339,511	5,150,204	
PINE CREEK												
D-3	-	-	-	-	-	-	-	333	-	-	333	
PRINCESS												
BASAL BLAIRMORE	5,341	-	-	-	-	86	94	-	-	-	5,521	
PROVOST												
VIKING "A"	-	-	-	169	-	1,073	5,069	3,797	3,256	2,846	16,210	
"B"	-	-	-	-	-	-	1,346	2,820	6,416	7,012	17,594	
"A" & "B"	-	-	200	-	-	-	1,030	4,621	3,073	2,726	11,650	
TOTAL	-	-	200	169	-	1,073	7,445	11,238	12,745	12,584	45,454	
ST. ALBERT-BIG LAKE												
OSTRACOD	-	-	-	-	-	492	759	972	970	507	3,700	
SAMSON												
BLAIRMORE WEST	410	-	697	664	1,220	993	1,590	4,669	7,339	9,857	27,439	
SARCEE												
RUNDLE	-	-	-	-	1,323	-	-	11,457	56,743	63,438	132,961	
STURGEON LAKE SOUTH												
WABAMUN	-	-	-	-	-	577	437	603	1,164	2,218	4,999	
SUNDRE												
BASAL BLAIRMORE	-	-	-	-	2,746	1,923	5,374	7,212	6,127	4,890	28,272	
VIKING	-	-	-	-	-	-	-	-	-	257	257	
TOTAL	-	-	-	-	2,746	1,923	5,374	7,212	6,127	5,147	28,529	

CONDENSATE PRODUCTION 1914 - 1963 (BARRELS AT 60° F.)												
CUMULATIVE TO DEC. 31, 1953		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
SYLVAN LAKE												
GLAUCONITIC	-	-	-	-	-	-	-	-	-	-	191	191
ELLERSLIE	-	-	-	-	-	-	-	-	-	-	140	140
ELKTON "A"	-	-	-	-	-	-	-	-	-	-	152	152
TOTAL	-	-	-	-	-	-	-	-	-	-	483	483
THREE HILLS CREEK												
PEKISKO	-	-	-	-	50	-	-	131	20,096	19,706	11,071	51,054
TURNER VALLEY												
RUNDLE	8,849,953	8,796	11,206	17,445	19,266	12,858	14,539	8,937	9,208	11,092	13,709	8,977,009
VIRGINIA HILLS												
BEAVERHILL LAKE	-	-	-	-	-	-	-	-	66	-	-	66
WAINWRIGHT												
VIKING	2,025	-	-	-	-	-	-	-	-	-	-	2,025
WATERION												
RUNDLE "A"	-	-	-	-	-	-	-	19,422	32,811	6,863	-	59,096
RUNDLE "B"	-	-	-	-	8,213	2,477	2,043	4,266	7,846	917	643	26,405
TOTAL	-	-	-	-	8,213	2,477	2,043	23,688	40,657	7,780	643	85,501
WATTS												
VIKING	-	-	-	-	-	-	-	300	65	44	48	457
WAYNE-ROSEDALE												
VIKING "A"	-	-	-	-	-	-	-	-	2,254	-	549	2,803
VIKING "B"	-	-	-	-	-	-	-	-	-	-	122	122
OTHER	-	-	-	-	-	-	-	-	-	-	104	104
GLAUCONITIC	-	-	-	-	311	2,233	181	388	113	141	190	3,557
TOTAL	-	-	-	-	311	2,233	181	388	2,367	141	965	6,586
WESTEROSE SOUTH												
D-3	-	-	-	-	4,430	440	779	7,785	5,547	-	-	18,981
WILLIAMS												
VIKING	-	-	-	-	-	-	-	-	-	13	121	134

PENTANES PLUS PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
ACHESON CAN. NAT. GAS LIQUIDS LTD.	-	5,754	15,429	14,876	19,561	16,035	18,233	15,307	17,953	22,163	27,430	172,741
ALEXANDER MID-WEST INDUST. PROC. LTD.	-	-	-	-	8,554	26,324	51,247	56,052	61,933	63,859	57,827	325,796
BONNIE GLEN TEXACO EXPLORATION Co.	-	6,060	118,516	148,662	160,603	134,223	155,350	145,837	171,531	175,359	157,368	1,373,509
BOUNDARY LAKE SOUTH IMPERIAL OIL LTD.	-	-	-	-	-	-	-	-	3,061	30,754	14,436	48,251
CARBON C.W.N.G. Co. LTD.	-	-	-	-	-	-	1,807	2,264	9,989	4,321	9,080	27,461
CARSON CREEK SOCOBY MOBIL OF CAN. LTD.	-	-	-	-	-	-	-	-	-	-	1,610,510	1,610,510
CARSTAIRS HOME OIL Co. LTD.	-	-	-	-	-	-	-	83,622	121,095	251,632	1,127,916	1,584,265
CESSFORD*	-	-	-	-	-	5,725	48,969	53,028	-	-	-	107,722
CALIFORNIA STANDARD Co.	-	-	-	-	-	-	-	-	726	833	646	2,205
CANEX GAS LTD.	-	-	-	-	-	-	-	-	7,622	8,966	8,435	25,023
CANADIAN KEWANEE LTD.	-	-	-	-	-	-	-	-	6,046	4,536	4,570	15,152
HUDSON'S BAY OIL & GAS LTD.	-	-	-	-	-	-	-	-	55,356	56,411	76,755	188,522
TIDAL PETROLEUM CORP. LTD.	-	-	-	-	-	-	-	312	1,360	1,119	1,438	4,229
CHIGWELL IMPERIAL OIL LTD.	-	-	-	-	-	-	-	-	10,137	18,157	16,828	45,122
SOHIO PETROLEUM Co.	-	-	-	-	-	-	-	-	27	1,589	85	1,701
COUNTESS SUN OIL Co.	-	-	-	-	-	-	-	563	7,139	7,528	7,528	22,758
CROSSFIELD PETROGAS PROC. LTD.	-	-	-	-	-	-	-	-	28,527	480,608	599,619	1,108,754
ELLERSLIE STRATHCONA PIPELINES LTD.	-	-	-	-	-	-	-	-	-	-	3,827	3,827
ENCHANT SUN OIL Co.	-	-	-	-	-	-	-	-	1,244	1,348	1,083	3,675
FENN BIG VALLEY B.A. OIL Co. LTD.	-	3,104	3,752	418	-	-	-	-	-	-	-	7,274
GILBY B.A. OIL Co. LTD.	-	-	-	-	-	-	-	-	48,293	57,059	37,723	143,075
CANADIAN SEAB'D OIL Co.	-	-	-	-	-	-	-	-	37,982	56,103	54,136	148,221
CALIFORNIA STANDARD Co.	-	-	-	-	-	-	-	-	-	-	53,583	53,583
FRENCH PETE Co. OF CAN. LTD.	-	-	-	-	-	-	-	-	-	-	55	55

PENTANES PLUS PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

CUMULATIVE TO DEC. 31, 1953												
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL	
HARMATTAN ELKTON CANADIAN SUPERIOR OIL Co.	-	-	-	-	-	-	-	-	812,771	1,280,781	2,093,552	
HOMEGLEN RIMBEY B.A. OIL Co. LTD.	-	-	-	-	-	-	-	1,945,343	3,397,943	3,631,553	8,974,839	
HUSSAR*	-	-	-	-	-	4,493	50,037	-	-	-	54,530	
CAN. PACIFIC OIL & GAS LTD.	-	-	-	-	-	-	-	4,702	7,049	6,965	18,716	
TENNECO OIL & MINERALS LTD.	-	-	-	-	-	-	-	73,969	69,193	82,094	225,256	
INNISFAIL SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	56,734	56,734	
JUMPING POUND SHELL CANADA LTD.	66,946	56,798	57,817	67,620	76,379	73,861	70,113	68,776	74,286	151,467	820,253	
KAYBOB PACIFIC PETROLEUM LTD.	-	-	-	-	-	-	-	-	21,596	40,884	62,480	
KESSLER PAMOIL LIMITED	-	-	-	-	-	-	-	-	238	1,970	2,208	
LEDUC-WOODBEND IMPERIAL OIL LTD.	208,282	116,736	142,605	123,702	126,746	120,901	122,714	142,866	146,727	159,340	1,504,462	
LOOKOUT BUTTE B.A. OIL Co. LTD.	-	-	-	-	-	-	-	-	-	292,466	292,466	
MINNEHIK BUCK LAKE CANADIAN DELHI OIL Co.	-	-	-	-	-	-	-	4,494	225,369	244,647	474,510	
MORINVILLE CAN. INDUST. GAS PROC	403	11,872	9,851	20,281	34,895	49,666	49,933	43,350	41,871	36,351	307,287	
NEVIS B.A. OIL Co. LTD.	-	-	1,360	38,289	39,877	42,064	93,969	119,594	144,790	160,850	640,793	
CALIFORNIA STANDARD Co.	-	-	-	-	-	6,553	118,412	173,104	219,782	262,969	780,820	
OKOTOKS TEXAS GULF SULPHUR Co.	-	-	-	-	-	-	-	-	-	10,140	10,140	
PARKLAND TEXACO-EXPLORATION Co.	-	-	-	-	-	-	-	-	23,397	14,132	37,529	
PEMBINA*	-	-	-	-	76,484	391,282	380,160	-	-	-	847,926	
GOLIAD OIL & GAS Co.	-	-	-	-	-	-	-	375,204	443,233	556,281	1,374,718	
TEXACO EXPLORATION Co.	-	-	-	-	-	-	-	40,772	31,616	36,661	109,049	
PAN AMERICAN PETE. CORP.	-	-	-	-	-	-	-	-	-	24,715	24,715	
PINCHER CREEK B.A. OIL Co. LTD.	-	-	-	-	14,589	139,834	176,098	174,079	172,921	638,038	1,375,559	
PREVO INTI GAS ENGINEERING LTD.	-	-	-	-	-	-	202	12,790	9,914	7,642	30,548	

PENTIANES PLUS PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
PRINCESS CALIFORNIA STANDARD CO.	-	-	-	-	-	-	468	134	7,890	8,601	7,823	24,916
PROVOST*	-	-	-	-	840	11,873	26,743	38,317	-	-	-	77,773
CHIEFTAIN MAC GAS LTD.	-	-	-	-	-	-	-	-	1,202	1,967	2,544	5,713
PROVO GAS PRODUCERS LTD.	-	-	-	-	-	-	-	-	39,180	35,038	33,735	107,953
REDWATER IMPERIAL OIL LTD.	-	-	-	7,205	45,275	34,791	36,982	30,726	45,290	47,394	42,907	290,570
SAMSON WESTERN LEASEHOLDS LTD.	-	-	-	-	1,419	1,863	1,480	1,593	274	-	-	6,629
SEDALIA CAN. EXPORT GAS & OIL LTD.	-	-	-	-	-	-	-	17	465	549	727	1,758
SIBBALD SUN OIL CO.	-	-	-	-	-	-	-	-	167	890	852	1,909
THREE HILLS CREEK PAN AMERICAN PETE. CORP.	-	-	-	-	-	-	-	-	3,285	5,910	18,201	27,396
TURNER VALLEY ROYALITE OIL CO. LTD.	9,104,490	508,613	545,313	536,154	506,419	475,100	496,773	459,340	482,994	460,621	472,763	14,048,580
WATERTON SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	1,685,089	2,418,657	4,103,746
WAYNE ROSEDALE TENNECO OIL & MINERALS LTD.	-	-	-	-	-	-	1,254	10,075	10,803	12,028	11,693	45,853
CAN. PACIFIC OIL & GAS LTD.	-	-	-	-	-	-	-	-	1,215	11,613	11,448	24,276
WILDCAT HILLS CANADIAN FINA OIL LTD.	-	-	-	-	-	-	-	-	-	57,877	124,880	182,757
WINDFALL PAN AMERICAN PETE. CORP.	-	-	-	-	-	-	-	-	35,969	7,544	2,514,488	2,558,001
WOOD RIVER CANEX GAS LTD.	-	-	-	-	-	-	-	2	6,553	5,753	7,458	19,766
WORSLEY SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	-	158,249	158,249
EDMONTON LIQUID GAS LTD.	-	-	-	-	-	-	-	-	-	780	8,941	9,721
	9,380,121	682,378	868,416	918,948	992,563	1,074,904	1,667,960	1,958,827	4,404,351	9,426,695	17,462,924	48,838,087

* BREAKDOWN BY PLANT NOT AVAILABLE PRIOR TO 1960.

PROpane PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
ACHESON CAN. NAT. GAS LIQUIDS LTD.	-	24,877	69,735	67,309	75,304	54,199	63,943	63,381	78,098	82,590	88,945	668,321
BONNIE GLEN TEXACO EXPLORATION CO.	-	13,479	228,735	244,395	246,071	202,970	184,935	217,778	242,767	263,464	217,134	2,056,722
FENN BIG VALLEY B.A. OIL CO. LTD.	-	16,175	21,112	5,117	-	-	-	-	-	-	-	42,404
HOMEGLEN RIMBEY B.A. OIL CO. LTD.	-	-	-	-	-	-	-	-	305,607	655,419	713,559	1,674,585
LEDUC WOODBEND IMPERIAL OIL LTD.* CANADIAN INDUSTRIES	710,353	314,229	316,019	367,117	300,089	282,870	250,595	307,838 129,358	362,959 156,976	415,217 128,263	462,049 149,697	4,089,335 564,294
NEVIS B.A. OIL CO. LTD.	-	-	-	2,652	101,217	107,641	101,957	91,111	91,991	94,111	79,378	670,058
PEMBINA GOLIAD OIL & GAS CO. TEXACO EXPLORATION CO.	-	-	-	-	-	74,654 3,944	523,489 34,594	644,958 42,714	604,101 43,344	733,061 40,450	734,731 40,499	3,314,994 205,545
PINCHER CREEK B.A. OIL CO. LTD.	-	-	-	-	-	26,860	106,214	137,557	149,498	136,568	163,960	720,657
REDWATER IMPERIAL OIL LTD.	-	-	-	12,838	121,358	92,441	96,913	90,453	131,246	141,530	131,791	818,570
TURNER VALLEY ROYALITE OIL CO. LTD.	512,676	160,357	152,777	163,597	150,569	160,752	124,155	164,396	164,886	181,938	184,450	2,120,553
WORSLEY SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	-	43,179	48,179
EDMONTON LIQUID GAS LTD.	-	-	-	-	-	-	-	-	-	79,910	332,869	412,779
REPRODUCED FROM HUGHENDEN	-	-	-	-	-	-	3,373	88,599	156,384	36,238	204,485	489,079
	1,223,019	529,117	783,378	863,025	994,608	1,006,331	1,490,168	1,978,143	2,487,857	2,988,759	3,551,726	17,896,141

* INCLUDES PRODUCTION FROM GOLDEN SPIKE AND JUDY CREEK CONDENSATE.

BUTANES PRODUCTION 1914 - 1963
(BARRELS AT 60° F.)

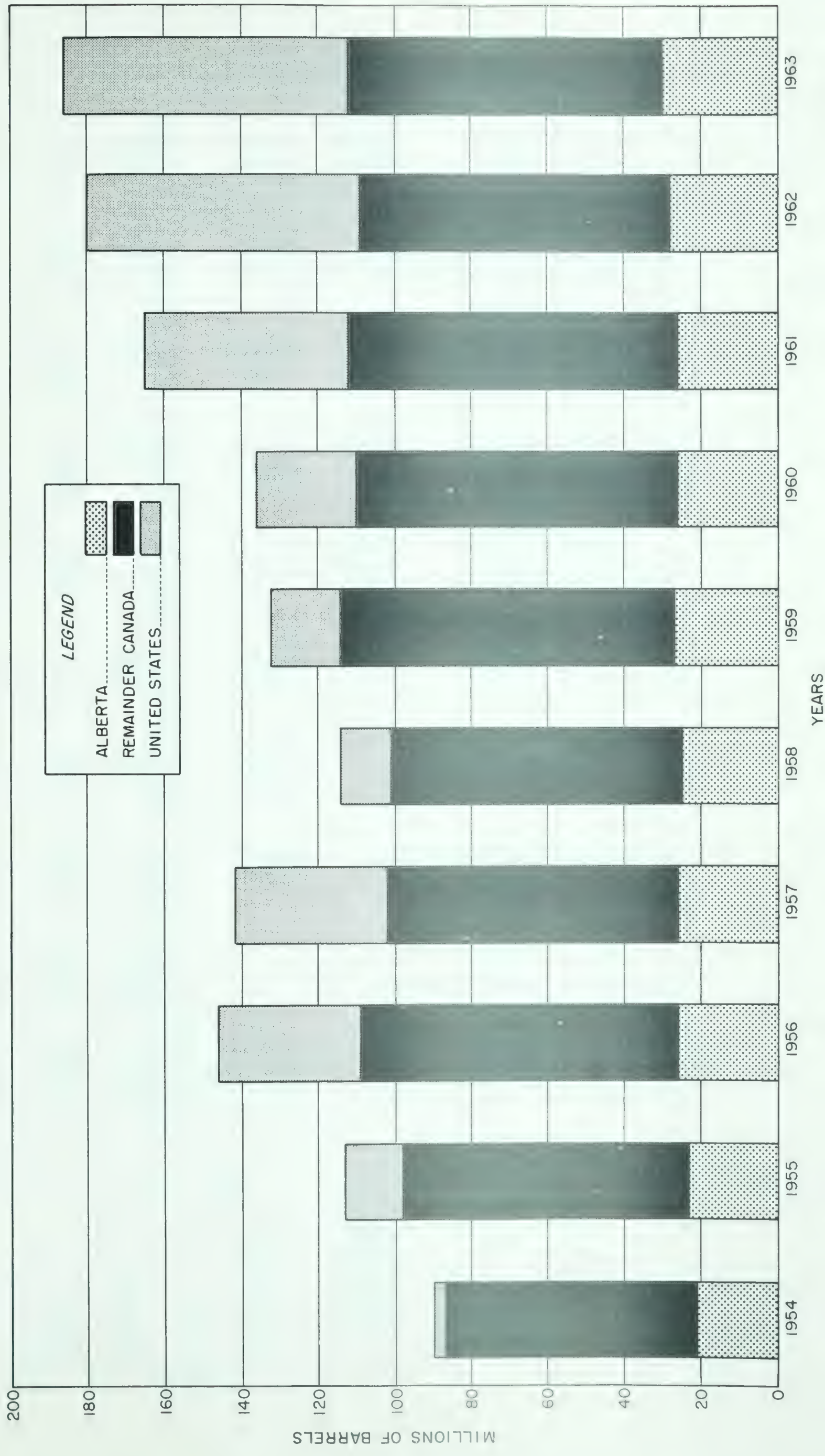
CUMULATIVE TO DEC. 31, 1953											TOTAL
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	
ACHESON CAN. NAT. GAS LIQUIDS LTD.	-	8,842	38,270	36,113	39,656	30,276	34,664	40,381	42,352	49,852	353,234
BONNIE GLEN TEXACO EXPLORATION Co.	-	12,081	163,571	88,047	82,138	128,026	95,636	129,857	165,213	177,564	1,214,440
CARSON CREEK SOCOBY MOBIL OIL OF CAN. LTD.	-	-	-	-	-	-	-	-	-	13,387	13,387
FENN BIG VALLEY B.A. OIL Co. LTD.	-	4,745	9,754	2,527	-	-	-	-	-	-	17,026
HOMEGLEN RIMBEY B.A. OIL Co. LTD.	-	-	-	-	-	-	-	276,048	606,709	828,121	1,710,878
LEDUC WOODBEND IMPERIAL OIL LTD.*	457,062	219,521	245,101	289,681	257,323	235,352	242,110	282,240	278,486	327,665	3,077,108
NEVIS B.A. OIL Co. LTD.	-	-	-	3,587	90,246	82,750	79,940	97,418	69,261	80,871	593,127
PEMBINA GOLIAD OIL & Gas Co. TEXACO EXPLORATION Co.	-	-	-	-	-	63,092 3,758	388,910 32,973	440,520 41,313	501,484 38,557	616,852 37,082	2,420,107 194,394
PINCHER CREEK B.A. OIL Co.	-	-	-	-	-	35,853	160,051	233,137	245,282	242,724	1,133,396
REDWATER IMPERIAL OIL LTD.	-	-	-	14,496	119,161	78,931	84,346	92,914	106,025	98,740	664,033
TURNER VALLEY ROYALITE OIL Co. LTD.	-	-	-	-	-	-	-	4,253	-	-	4,253
WORSLEY SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	5,730	5,730
EDMONTON LIQUID GAS LTD.	-	-	-	-	-	-	-	-	16,492	34,942	51,434
REPRODUCED FROM HUGHENDEN	-	-	-	-	-	-	-	-	-	14,800	14,800
457,062	245,189	456,696	434,451	588,524	658,038	1,118,630	1,272,485	1,638,081	2,069,861	2,528,330	11,467,347

* INCLUDES PRODUCTION FROM GOLDEN SPIKE AND JUDY CREEK CONDENSATE.

SULPHUR PRODUCTION 1953 to 1963
(QUANTITIES IN LONG TONS)

	CUMULATIVE TO DEC. 31, 1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	TOTAL
CARSTAIRS HOME OIL CO. LTD.	-	-	-	-	-	-	-	-	102	5,663	7,694	12,459
CROSSFIELD PETROGAS PROC. LTD.	-	-	-	-	-	-	-	-	2,852	170,216	231,889	404,957
HOMEGLEN RIMBEY B.A. OIL CO. LTD.	-	-	-	-	-	-	-	-	35,986	63,952	71,621	171,559
INNISFAIL SHELL CANADA LTD.	-	-	-	-	-	-	-	2,887	30,154	33,704	32,302	99,047
JUMPING POUND SHELL CANADA LTD.	13,040	10,702	15,930	19,350	24,820	28,862	27,877	29,188	26,790	28,325	29,225	254,109
NEVIS B.A. OIL CO. LTD. CALIFORNIA STANDARD CO.	-	-	-	-	-	-	-	9,660 22,952	29,550 15,174	18,520 37,279	20,709 42,929	78,439 119,751
OKOTOKS TEXAS GULF SULPHUR CO.	-	-	-	-	-	-	52,523	117,435	121,005	119,937	123,925	534,825
PINCHER CREEK B.A. OIL CO. LTD.	-	-	-	-	52,334	69,577	120,315	156,490	162,944	173,152	170,079	904,891
REDWATER IMPERIAL OIL LTD.	-	-	-	136	2,225	1,546	1,659	1,374	2,114	2,240	2,086	13,380
SAVANNA CREEK JEFFERSON LAKE PETROCHEM.	-	-	-	-	-	-	-	-	-	28,309	39,748	68,057
TURNER VALLEY ROYALITE OIL CO. LTD.	11,272	9,227	10,046	10,393	10,536	9,235	9,284	8,157	7,755	7,837	8,402	102,114
WATERTON SHELL CANADA LTD.	-	-	-	-	-	-	-	-	-	134,300	206,498	340,798
WILDCAT HILLS CANADIAN FINA OIL LTD.	-	-	-	-	-	-	-	-	-	21,696	21,093	42,789
WINDFALL PAN AMERICAN PETE. CORP.	-	-	-	-	-	-	-	-	-	127,221	219,467	346,688
	24,312	19,929	25,976	29,879	89,915	109,220	213,075	348,143	44,396	97,351	1,227,667	3,494,863

FIGURE 1
ALBERTA
ANNUAL SALES OF OIL



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COMPARATIVE STATEMENT OF CONDENSATE, CRUDE OIL & PENTANES PLUS DISPOSITION
(BARRELS AT 60° F.)

AVAILABLE SUPPLY	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
ALBERTA PRODUCTION										
CRUDE OIL	27,593,623	112,852,514	143,710,656	136,781,964	112,502,546	128,824,994	130,490,361	157,763,273	165,123,806	168,213,789
CONDENSATE	43,466	182,532	199,056	708,400	773,934	1,142,317	2,386,018	3,326,061	7,059,770	3,167,939
PENTANES PLUS	682,378	868,416	918,948	992,563	1,074,904	1,667,960	1,958,827	4,404,351	9,426,695	17,462,924
IMPORTS										
SASKATCHEWAN	1,798,013	1,824,313	1,667,902	1,252,883	1,107,594	1,168,713	731,444	627,915	586,739	298,671
BRITISH COLUMBIA	-	-	-	-	21,912	57,743	14,991	67,438	86,092	53,431
TOTAL	90,117,480	115,727,775	146,496,562	139,735,810	115,480,890	132,861,727	135,581,641	166,189,038	182,283,102	189,196,754
DISPOSITION										
INVENTORY INCREASE (DECREASE)										
FIELD	-	-	99,191	(11,137)	126,428	84,336	(135,636)	30,971	(113,802)	(29,625)
PLANT	-	-	(3,130)	2,765	6,535	8,307	8,321	42,549	5,886	30,707
ALBERTA TRANSPORTERS	-	-	496,086	(18,690)	118,634	5,662	230,054	118,236	4,345	715,525
EX ALBERTA TRANSPORTERS	-	-	(315,576)	(2,275,817)	472,348	(16,017)	(843,210)	636,652	(104,278)	1,175,786
TOTAL*	(117,398)	3,056,256	276,571	(3,002,879)	730,945	82,288	(741,171)	828,415	(207,849)	1,892,393
MISCELLANEOUS										
PLANT USE & LOSS	-	-	-	-	-	12,465	6,709	39,929	908,715	354,923
ALBERTA TRANS LOSSES & ADJ.	-	-	-	-	-	277,317	(506,197)	46,636	43,525	65,733
EX ALBERTA TRANS LOSSES & ADJ.	-	-	-	-	-	355,597	478,223	512,417	927,302	723,163
REPORTING ADJUSTMENT	-	-	-	-	-	24,289	703,366	(513,949)	229,911	(38,177)
TOTAL*	376,485	120,046	313,890	622,171	667,655	669,668	682,101	85,033	2,109,453	1,105,642
DELIVERIES										
ALBERTA										
REFINERIES	20,566,512	23,265,823	25,995,147	25,398,043	24,954,057	26,634,689	25,568,502	25,897,550	28,127,095	30,333,147
OTHER	210,790	94,676	7,924	56,941	32,169	27,682	63,687	206,277	278,519	254,273
BRITISH COLUMBIA	13,463,944	19,327,798	21,894,038	22,300,264	20,680,988	22,585,326	23,282,402	23,867,278	19,431,279	14,379,258
SASKATCHEWAN	13,707,955	12,760,231	12,902,752	14,126,106	13,132,986	16,137,244	16,418,830	15,470,340	16,638,232	16,503,707
MANITOBA	5,218,805	6,084,261	4,781,017	5,990,295	3,021,089	3,010,037	4,373,625	3,193,660	2,696,260	1,992,064
ONTARIO	34,116,343	36,325,098	43,743,366	33,839,765	38,781,634	45,568,919	40,369,525	44,012,578	42,177,009	48,602,517
U.S.A. DISTRICT I	-	-	-	-	-	-	-	-	-	3,651,062
DISTRICT II	1,664,991	3,328,669	11,106,912	6,097,941	4,626,568	4,907,035	7,477,773	19,432,789	24,613,031	21,289,660
DISTRICT IV	-	-	33,044	72,263	6,728	14,247	20,078	110,616	1,048,986	4,061,806
V	909,053	11,364,317	25,441,901	34,234,900	8,846,071	13,224,592	18,066,289	33,084,502	45,370,987	44,831,225
TOTAL	84,858,393	112,551,473	145,906,101	142,116,518	114,082,290	132,109,771	135,640,711	165,275,590	190,381,498	186,192,719
TOTAL	90,117,480	115,727,775	146,496,562	139,735,810	115,480,890	132,861,727	135,581,641	166,189,038	182,283,102	189,196,754
GROSS VALUE TO PRODUCERS	\$229,991,901	277,171,116	358,319,260	361,247,534	288,809,435	316,195,000	322,997,460	390,289,840	411,545,426	475,756,534
AVERAGE DAILY SALES	\$246,187	308,360	398,651	389,360	312,554	361,945	370,603	452,810	494,196	510,133

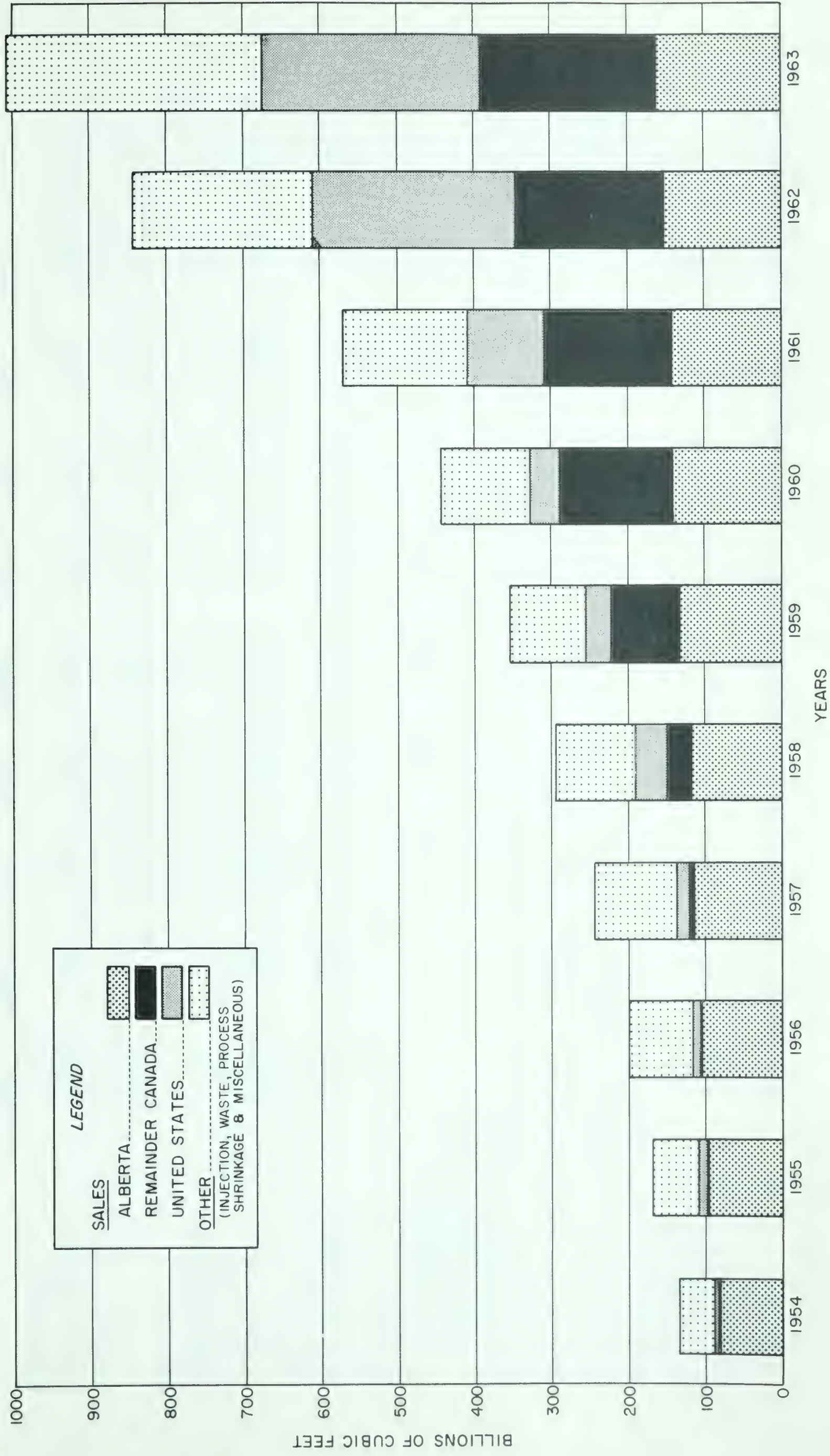
*PRIOR BREAKDOWN NOT AVAILABLE.

1954 - 1963

REFINERY RECEIPTS
(BARRELS AT 60° F.)

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
<u>CRUDE OIL, CONDENSATE & PENTANES PLUS</u>										
ALBERTA	18,768,499	21,441,510	24,327,245	24,145,160	23,824,551	25,408,233	24,822,067	25,202,197	27,454,264	29,981,045
SASKATCHEWAN	1,798,013	1,824,313	1,667,902	1,252,883	1,107,594	1,168,713	731,444	627,915	586,739	298,671
BRITISH COLUMBIA	-	-	-	-	21,912	57,743	14,991	67,438	86,092	53,431
TOTAL	20,566,512	23,265,823	25,995,147	25,398,043	24,954,057	26,634,689	25,568,502	25,897,550	28,127,095	30,333,147
<u>OTHER MATERIALS</u>										
ALBERTA	214,154	373,788	455,952	519,803	779,998	498,510	554,205	546,450	628,632	539,351
BRITISH COLUMBIA	-	-	-	-	-	-	-	-	1,952	2,124
TOTAL	20,780,666	23,639,611	26,451,099	25,917,846	25,734,055	27,133,199	26,122,707	26,444,000	28,757,679	30,874,622

FIGURE 2
ALBERTA
DISPOSITION OF NATURAL GAS



COMPARATIVE STATEMENT OF NATURAL GAS DISPOSITION
(MCF AT 60° F.)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.65 Psia	14.65 Psia	14.65 Psia
<u>AVAILABLE SUPPLY</u>										
ALBERTA PRODUCTION STORAGE AND INJECTION	135,546 (4,270)	168,308 (7,092)	200,121 (8,945)	244,220 (17,059)	294,449 (18,286)	353,104 (15,871)	443,402 (18,918)	563,696 (34,488)	843,816 (61,906)	1,006,729 (135,241)
NET PRODUCTION	131,276	161,716	191,246	227,161	276,163	337,233	424,484	535,208	781,910	871,488
IMPORTS	15	31	146	254	194	183	103	76	70	75
TOTAL	131,291	161,747	191,392	227,415	276,357	337,416	424,587	535,284	781,980	871,563
<u>DISPOSITION</u>										
PROCESSING SHRINKAGE FLARED	5,355	6,344	6,857	9,168	10,159	17,474	24,037	32,256	60,671	80,129
FIELD SYSTEM PLANT	28,410	35,855	54,001	60,982	55,485	39,350	44,509	53,512	56,384	50,390
TOTAL	1,190	1,982	1,638	3,856	4,296	3,054	3,802	4,207	9,183	2,080
	29,600	37,837	55,639	64,838	59,781	42,404	48,311	57,719	65,567	57,650
FUEL										
LEASE	4,359	4,164	7,051	8,816	6,377	7,262	8,823	6,952	6,604	8,597
PLANT AND COMPRESSOR	2,763	4,618	5,254	7,069	7,833	11,314	13,314	16,415	25,170	28,247
LINE AND COMPRESSOR								1,625	1,474	1,907
TOTAL	7,127	8,782	12,305	15,885	14,210	18,576	22,727	24,992	33,248	38,751
MISCELLANEOUS										
FIELD METERING DIFFERENCE								(407)	1,084	(502)
SYSTEM LINE LOSS AND MD	622	395	739	980	2,929	3,532	2,444	703	2,801	2,030
UNACCOUNTED FOR PLANT LOSSES								(867)	(1,477)	856
LLOYDMINSTER EXCHANGE								94	150	141
INJECTION LOSSES AND OTHER DISPOSITION									2,294	1,645
EX ALBERTA PIPELINE FUEL, LOSSES & METERING DIFFERENCE						16	40	12,774	12,654	19,249
REPORTING ADJUSTMENT								12	(2,856)	(2,089)
TOTAL	622	395	739	980	2,929	3,548	2,484	12,309	14,650	21,330
<u>DELIVERIES</u>										
ALBERTA	80,899	96,358	104,069	113,992	117,407	131,943	141,197	141,619	152,470	160,790
BRITISH COLUMBIA	540	674	955	3,401	5,296	6,610	8,200	6,770	8,404	9,960
SASKATCHEWAN					733	3,217	3,784	8,823	9,344	14,149
MANITOBA								16,524	18,897	22,653
ONTARIO								111,423	131,643	154,484
QUEBEC								23,910	23,247	26,899
U.S.A. DISTRICT II								59,461	62,293	63,127
DISTRICT IV	7,143	11,357	10,828	10,770	13,096	14,829	17,303	15,871	28,214	27,403
DISTRICT V				5,495	28,076	19,864	21,736	23,607	173,327	194,238
OUTSIDE ALBERTA *				2,886	24,670	78,951	134,808			
TOTAL	88,587	108,389	115,852	136,544	189,278	255,414	327,028	403,008	607,844	673,703
TOTAL	131,291	161,747	191,392	227,415	276,357	337,416	424,587	535,284	781,980	871,563

GROSS VALUE OF SALES**

*BREAKDOWN NOT AVAILABLE PRIOR TO 1961

**VALUE NOT AVAILABLE PRIOR TO 1961.

PRODUCTION, DISPOSITION AND CONSUMPTION OF ALBERTA NATURAL GAS

(MMCF AT 60° F.)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.4 Psia	14.65 Psia	14.65 Psia	14.65 Psia
PRODUCTION										
STORAGE AND INJECTION										
% OF PRODUCTION	135,546	168,808	200,191	244,220	294,449	353,104	443,402	569,696	843,816	1,006,729
	4,270	7,092	8,945	17,059	18,286	15,871	18,918	34,488	61,906	135,241
	3.2%	4.2%	4.5%	7.0%	6.2%	4.5%	4.3%	6.0%	7.3%	13.4%
WASTE										
% OF PRODUCTION	29,600	37,837	55,639	64,838	59,781	42,404	48,211	57,719	65,567	57,650
	21.8%	22.4%	27.8%	26.6%	20.3%	12.0%	10.9%	10.1%	7.8%	5.7%
PROCESSING SHRINKAGE										
% OF PRODUCTION	5,355	6,344	6,857	9,168	10,159	17,474	24,037	32,256	60,671	80,129
	4.0%	3.8%	3.4%	3.7%	3.5%	4.9%	5.4%	5.7%	7.2%	8.1%
MISCELLANEOUS										
% OF PRODUCTION	7,749	9,177	13,044	16,865	17,139	22,108	25,171	24,527	35,244	40,832
	5.7%	5.4%	6.5%	6.9%	5.8%	6.3%	5.7%	4.3%	4.2%	4.0%
*SALES OF ALBERTA GAS										
% OF PRODUCTION	88,572	108,358	115,706	136,290	189,084	255,247	326,965	420,706	620,428	692,877
	65.3%	64.2%	57.8%	55.8%	64.2%	72.3%	73.7%	73.9%	73.5%	68.8%
IMPORTS										
SASKATCHEWAN			92	191	130	111	30	-	-	-
U.S.A.	15	31	54	63	64	72	73	76	70	75
EXPORTS*	(7,636)	(12,031)	(11,783)	(22,552)	(71,871)	(123,487)	(185,871)	(279,163)	(468,028)	(532,167)
TOTAL SALES TO ALBERTA DISTRIBUTORS	80,899	96,358	104,069	113,992	117,407	131,943	141,197	141,619	152,470	160,790
ADJUSTMENTS (NORMAL DEGREE DAYS, AIR, DILUTION, BTU, OTHER ADJUST- MENTS)	(772)	(1,139)	2,468	4,477	8,217	4,877	3,727	8,096	6,255	3,229
ADJUSTED SALES TO ALBERTA DISTRIBUTORS**										
RESIDENTIAL	24,317	27,946	30,847	32,470	34,704	36,863	38,667	40,843	41,749	39,464
COMMERCIAL	17,212	18,634	20,049	23,570	24,084	25,031	25,978	28,604	29,758	29,071
INDUSTRIAL	38,598	48,639	55,641	62,479	66,836	74,876	80,779	80,266	87,217	29,026
TOTAL ADJUSTED SALES	80,127	95,219	106,537	118,469	125,624	136,820	144,224	149,715	158,724	157,561

* INCLUDES EX ALBERTA PIPELINES FUEL AND METERING DIFFERENCE

** SOURCE ~ 1954-1960 ~ OIL AND GAS CONSERVATION BOARD
1961-1963 ~ DOMINION BUREAU OF STATISTICS.

MARKETABLE GAS WITHDRAWALS FROM THE PROVINCE UNDER AUTHORIZED PERMITS AS AT DECEMBER 31, 1963
(CUBIC FEET AT 14.4 PSIA AND 60° F.)

TRANSMISSION COMPANY	MAXIMUM DAILY MMCF	MAXIMUM ANNUAL MMCF	1951-54 CUMULATIVE MMCF	1955 MMCF	1956 MMCF	1957 MMCF	1958 MMCF	1959 MMCF	1960 MMCF	1961 MMCF	1962 MMCF	1963 MMCF	TOTAL		REMAINING UNDER PERMIT MMCF
													CUMULATIVE WITHDRAWALS MMCF	AUTHORIZED WITHDRAWALS MMCF	
ALBERTA & SOUTHERN GAS CO.	505	168,000	-	-	-	-	-	-	-	8,161,658	133,257,449	143,200,318	284,619,425	4,200,000	3,915,381
CANADIAN MONTANA PIPELINE CO.	100	20,000	24,910,781	11,352,540	10,824,291	10,765,993	13,091,705	14,819,020	17,302,135	16,158,041	18,393,028	16,789,737	154,407,271	364,225*	* 238,000
MANY ISLANDS PIPE- LINES LTD.	138	45,300	-	-	-	-	733,382	3,217,128	3,783,973	10,301,898	13,159,093	18,562,622	49,758,096	620,000	570,242
PEACE RIVER TRANS- MISSION	13	1,600	1,651,312	674,533	954,623	1,061,750	1,229,573	1,221,316	1,237,959	1,417,689	1,150,303	608,628	11,207,686	33,000	21,792
TRANS CANADA PIPE LINES	1,240	45,000	-	-	-	2,841,615	24,715,481	78,950,864	134,808,244	224,625,632	249,388,211	227,507,437	1,002,837,564	9,640,000	8,637,162
WESTCOAST TRANSMISSION (PEACE RIVER)	243	68,000	-	-	-	7,834,231	32,142,023	25,253,170	28,697,868	20,275,969	25,655,136	33,166,357	173,024,754	1,090,000	916,975
WESTCOAST TRANSMISSION (SOUTH)	165	54,000	-	-	-	-	-	-	-	1,062,116	37,044,690	41,854,372	79,961,178	1,100,000	1,020,039
PATRICK T. BUCKLEY	**	10	16,224	4,056	4,051	4,044	4,044	9,550	1,321	2,702	2,412	3,293	51,697	**	**
CANADIAN DELHI OILS LTD.	4	1,570	-	-	-	-	-	-	-	-	-	166,628	166,628	32,300	32,133
HUDSON'S BAY OIL & GAS LTD.	1	372	-	-	-	-	-	-	-	-	-	251,187	251,187	7,650	7,399
Total	2,403	723,557	26,575,317	12,031,129	11,782,965	27,507,633	71,916,208	73,471,048	185,831,500	232,005,705	478,050,402	542,110,579	1,756,285,436	17,047,175	15,228,123

* ALL GAS FROM THE ADEN, BLACK BUTTE, COMREY, MANYBERRIES, PENDANT D'OREILLE, PAKOWKI LAKE AND SMITH COULEE FIELDS MAY BE EXPORTED.
NET RECOVERABLE RESERVES AS AT DECEMBER 31, 1963 WERE ESTIMATED TO BE 238 BILLION CUBIC FEET.

** THE PERMIT TO BUCKLEY ISSUED FOR EXPORT AT A MAXIMUM 1.3 MILLION CUBIC FEET PER MONTH.

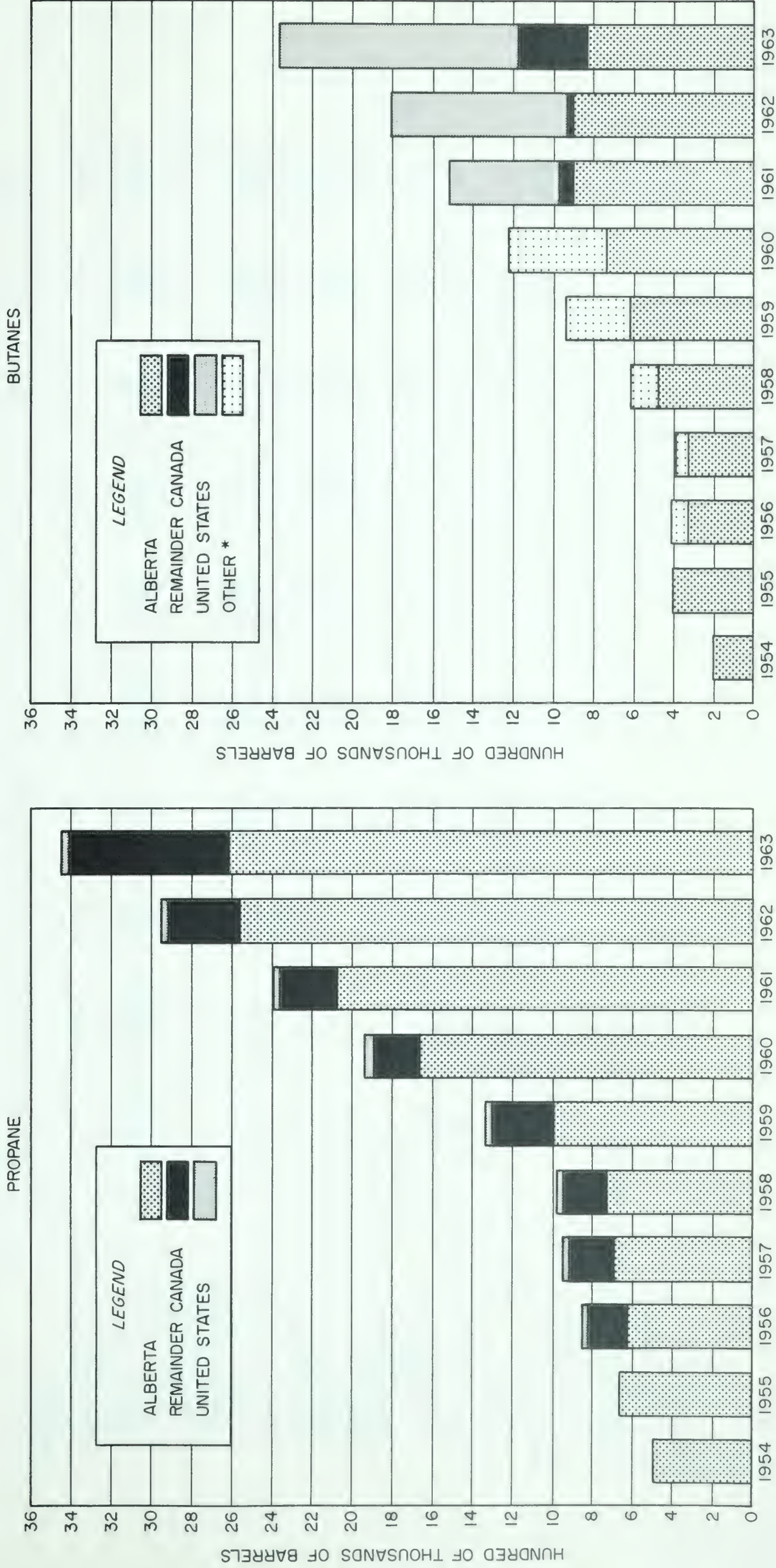
COMPARATIVE STATEMENT OF WATER DISPOSITION
(BARRELS AT 60° F.)

AVAILABLE SUPPLY	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
FORMATION WATER PRODUCED	6,222,375	8,787,617	11,212,145	13,631,997	16,623,830	21,199,700	24,728,617	29,340,982	33,458,579	38,667,700
FRESH WATER RECEIPTS	1,050,854	6,079,484	9,948,296	19,018,496	43,140,628	53,195,288	62,813,410	77,892,661	81,645,974	106,916,172
IMPORTS - SASKATCHEWAN	568,657	308,822	221,477	178,375	176,093	167,100	116,539	89,557	68,284	111,589
TOTAL	7,841,886	15,175,923	21,381,918	32,828,868	59,940,551	74,562,088	87,658,566	107,323,200	115,172,837	145,695,461
DISPOSITION										
INVENTORY INCREASE (DECREASE)	(734)	17,318	(10,972)	2,994	24,814	(2,827)	4,602	(1,969)	3,000	9,495
MISCELLANEOUS										
LOSSES AND ADJUSTMENTS	93,623	207,813	169,305	206,196	425,960	303,431	176,625	98,798	151,774	475,107
OTHER DISPOSITION	1,551,927	1,341,357	1,345,558	1,338,927	1,185,324	1,034,765	929,703	902,599	971,637	1,018,558
REPORTING ADJUSTMENT	-	-	-	-	-	-	-	(38,175)	(69,140)	10,114
TOTAL	1,645,550	1,549,170	1,514,863	1,545,123	1,611,284	1,338,196	1,106,328	963,222	1,054,271	1,503,779
DISPOSAL AND INJECTION										
DISPOSED TO FORMATION	5,146,216	7,529,951	9,929,731	12,355,996	15,320,496	19,680,918	22,489,364	25,147,871	28,631,765	32,329,531
DELIVERIES TO SASKATCHEWAN	-	-	-	10,619	13,224	10,538	13,011	10,095	23,545	25,936
WATER FLOOD INJECTION										
ACHESON	-	-	-	2,527,375	1,200,545	800,410	1,381,878	1,223,017	2,524,317	2,377,386
CHAUVIN	-	-	-	-	-	-	-	-	174,034	290,186
CROSSFIELD	-	-	-	-	-	-	-	-	630,038	1,845,166
DEER MOUNTAIN	-	-	-	-	-	-	-	-	-	16,593
GARRINGTON	-	-	-	-	-	-	-	-	-	4,782
GILBY	-	-	-	-	-	-	-	-	-	2,115,298
HAMILTON LAKE	-	-	-	-	-	745,010	1,133,488	1,429,783	1,415,089	824,707
JOARCAM	-	-	-	-	3,251	128,591	187,612	139,640	246,420	565,642
JOFFRE	-	-	-	-	-	-	-	-	-	4,199,336
JUDY CREEK	-	-	-	24,638	-	8,744,470	7,681,110	7,390,876	4,689,410	7,787,627
LEDUC WOODBEND	-	-	-	-	-	-	-	-	1,272,917	13,543,793
PEAVEY	694,385	5,737,649	9,494,326	11,708,920	10,387,190	10,622,980	8,557,599	13,033,301	14,471,356	2,345
PEMBINA	-	-	-	-	-	-	-	-	44,903,496	56,739,993
ROCKY MOUNTAIN HOUSE	-	-	108,042	4,213,582	18,318,403	29,496,712	40,371,034	46,115,286	-	704,089
STETTTLER	-	-	-	-	3,647	36,414	-	-	-	4,305
SUNDRE	-	-	-	89,018	379,925	878,031	801,440	703,245	696,943	5,390,662
SWAN HILLS	-	-	-	-	-	-	-	-	-	10,790,919
TURNER VALLEY	356,469	341,835	345,928	340,609	620,765	2,076,616	3,887,817	11,089,616	4,465	674,224
VIRGINIA HILLS	-	-	-	-	-	-	-	-	13,571,925	1,115,895
WAINWRIGHT	-	-	-	-	-	6,029	43,283	31,848	169,109	290,518
WESTWARD HO	-	-	-	-	-	-	-	-	-	2,543,254
WILLESSEN GREEN	-	-	-	-	-	-	-	-	690,737	-
UNDEFINED POOLS	-	-	-	9,994	-	-	-	-	-	-
TOTAL	1,050,854	6,079,484	9,948,296	18,914,136	42,970,733	53,535,263	64,045,261	81,203,981	85,460,256	111,826,720
TOTAL										
	7,841,886	15,175,923	21,381,918	32,828,868	59,940,551	74,562,088	87,658,566	107,323,200	115,172,837	145,695,461

FIGURE 3

ALBERTA

ANNUAL SALE OF PROPANE AND BUTANES



* BREAKDOWN NOT AVAILABLE PRIOR TO 1961

COMPARATIVE STATEMENT OF PROPANE DISPOSITION
(Barrels at 60° F.)

AVAILABLE SUPPLY		1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
PLANT PRODUCTION		529,117	783,378	863,025	994,608	1,006,331	1,490,168	1,978,143	2,487,857	2,988,759	3,551,726
IMPORTS - BRITISH COLUMBIA		-	-	-	-	-	-	-	-	31,792	20,880
TOTAL		529,117	783,378	863,025	994,608	1,006,331	1,490,168	1,978,143	2,487,857	3,020,551	3,572,606
DISPOSITION											
INVENTORY INCREASE (DECREASE)		5,450	(3,202)	4,085	1,397	13,275	(2,752)	49	2,283	6,519	13,657
MISCELLANEOUS		-	-	-	-	-	-	15,388	11,354	14,498	61,777
GAS ENRICHMENT		22,201	88,469	12,337	47,811	14,317	78,930	10,331	33,202	42,358	26,606
LOSSES		-	28,158	-	-	3,256	74,993	13,248	47,144	7,384	21,201
PLANT USE		-	-	-	-	-	-	-	-	-	-
TOTAL		22,201	116,627	12,337	47,811	17,573	153,923	39,667	91,700	64,240	109,584
DELIVERIES											
A. SERIES											
DOMESTIC AND COMMERCIAL		-	-	489,215	569,695	636,252	828,588	1,033,602	1,125,903	1,189,444	1,424,637
MISCELL FLOOD		-	-	-	11,627	13,414	105,526	381,928	631,903	702,866	389,581
OTHER		-	-	138,073	109,151	78,483	59,100	243,977	316,211	667,492	800,955
TOTAL *		-	-	627,288	690,473	728,149	993,214	1,659,507	2,074,017	2,559,802	2,615,173
BRITISH COLUMBIA		-	-	160,745	205,777	145,478	181,388	107,468	159,367	174,318	208,961
SASKATCHEWAN		-	-	43,947	31,846	62,710	91,040	57,293	77,208	95,454	121,895
MANITOBA		-	-	5,770	4,308	8,625	13,620	11,773	5,038	25,801	240,740
ONTARIO		-	-	-	-	7,370	27,802	47,976	45,004	79,863	237,012
QUEBEC		-	-	-	-	-	-	12,175	5,042	9,635	12,652
YUKON & N.W.T.		-	-	3,066	-	-	-	-	-	-	6
U.S.A. DISTRICT II		-	-	-	-	-	17,997	21,989	16,970	-	6,372
DISTRICT IV		-	-	-	-	-	-	-	879	849	5,289
DISTRICT V		-	-	5,787	3,034	22,497	13,936	20,246	10,349	4,070	1,265
MOVEMENTS Ex ALBERTA*		-	-	-	9,982	654	-	-	-	-	-
TOTAL		501,466	669,953	846,603	945,400	975,483	1,338,997	1,938,427	2,393,874	2,949,792	3,449,365
TOTAL DISPOSITION		529,117	783,378	863,025	994,608	1,006,331	1,490,168	1,978,143	2,487,857	3,020,551	3,572,606

GROSS VALUE OF SALES*

\$1,084,340

1,414,937

1,802,402

2,358,073

3,175,871

4,182,343

4,689,694

*PRIOR BREAKDOWN OR DATA NOT AVAILABLE.

REFINERY PRODUCTION OF SIMILAR PRODUCTS AVAILABLE FOR
GENERAL SALE HAS BEEN DISPOSED OF AS FOLLOWS:

SALES TO PETROCHEMICAL

-

-

-

-

-

-

244,995

170,578

VALUE OF SALES

-

-

-

-

-

-

\$317,567

220,352

COMPARATIVE STATEMENT OF BUTANE DISPOSITION
(BARRELS AT 60° F.)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
<u>AVAILABLE SUPPLY</u>										
MONTHLY PRODUCTION	245,183	456,696	434,451	588,524	658,038	1,118,630	1,272,435	1,638,081	2,069,861	2,528,330
IMPORTS - BRITISH COLUMBIA	-	-	-	-	-	-	-	-	1,225	1,471
TOTAL	245,183	456,696	434,451	588,524	658,038	1,118,630	1,272,435	1,638,081	2,071,156	2,529,801
<u>DISPOSITION</u>										
INVENTORY INCREASE (DECREASE)	3,380	(425)	1,059	70	19,008	(6,638)	2,345	8,524	(4,157)	3,941
MISCELLANEOUS	-	-	-	-	-	-	-	-	-	-
GAS ENRICHMENT	-	-	-	-	-	-	16,054	59,996	198,658	129,806
LOSSES	36,889	40,646	14,931	189,606	17,758	171,437	21,594	24,824	44,857	24,835
FIELD AND PLANT USE	-	8,077	-	306	4,031	9,916	3,016	20,124	20,640	1,057
TOTAL	36,889	48,723	14,931	189,912	21,789	181,353	40,664	104,944	264,155	155,698
<u>DELIVERIES</u>										
ALBERTA	-	-	-	39,628	21,644	114,216	399,121	423,906	384,907	245,538
MISCIBLE FLOOD	-	-	-	-	-	-	-	-	-	-
PETROCHEMICAL PLANTS	-	-	326,930	289,821	460,835	504,271	395,850	479,110	521,106	582,313
REFINERY AND OTHER	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	326,930	329,449	482,479	618,487	734,971	903,016	906,013	827,851
<u>MOVEMENTS EX ALBERTA*</u>										
BRITISH COLUMBIA	-	-	-	-	-	-	-	77,480	9,767	91,920
MANITOBA	-	-	-	-	-	-	-	-	10,143	21,196
ONTARIO	-	-	-	-	-	-	-	-	13,373	238,765
U.S.A. DISTRICT II	-	-	-	-	-	-	-	142,591	219,887	279,168
DISTRICT IV	-	-	-	-	-	-	-	16,138	11,976	3,811
DISTRICT V	-	-	-	-	-	-	-	385,388	639,999	907,451
MOVEMENTS EX ALBERTA*	-	-	91,531	69,093	134,762	325,428	424,505	-	-	-
TOTAL	204,920	408,398	418,461	398,542	617,241	943,915	1,229,476	1,524,613	1,811,158	2,370,162
TOTAL	245,183	456,696	434,451	588,524	658,038	1,118,630	1,272,485	1,638,081	2,071,156	2,529,801
<u>GROSS VALUE OF SALES *</u>										
	-	-	\$640,860	605,027	644,322	1,275,656	1,648,985	1,875,206	2,279,452	3,077,681
<u>REFINERY PRODUCTION OF SIMILAR PRODUCTS AVAILABLE FOR GENERAL SALE HAS BEEN DISPOSED OF AS FOLLOWS:</u>										
SALES TO PETROCHEMICAL	-	-	-	-	-	-	-	-	67,473	28,791
REFINERY	-	-	-	-	-	-	-	-	25,659	33,090
U.S.A. DISTRICT II	-	-	-	-	-	-	-	-	2,030	-
U.S.A. DISTRICT V	-	-	-	-	-	-	-	-	23,928	2,537
TOTAL	-	-	-	-	-	-	-	-	119,090	64,418
VALUE OF SALES	-	-	-	-	-	-	-	-	\$147,157	61,217

*PRIOR BREAKDOWN OR DATA NOT AVAILABLE.

COMPARATIVE STATEMENT OF SULPHUR DISPOSITION
(QUANTITIES IN LONG TONS)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
AVAILABLE SUPPLY										
PRODUCTION	19,929	25,976	29,879	89,915	109,220	213,075	348,143	434,396	972,351	1,227,667
DISPOSITION										
INVENTORY INCREASE (DECREASE)	2,031	2,912	(1,578)	6,956	24,067	125,228	135,383	129,881	409,022	175,605
MISCELLANEOUS -- LOSSES	1,233	(129)	400	(369)	3,427	1,552	4,274	1,767	2,446	7,910
DELIVERIES	16,665	23,193	31,057	83,328	81,726	86,285	208,486	302,748	560,883	1,044,152
TOTAL	19,929	25,976	29,879	89,915	109,220	213,075	348,143	434,396	972,351	1,227,667

GROSS VALUE OF SALES*	-	-	-	-	-	\$1,880,815	4,182,019	6,133,261	8,308,209	24,581,771
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*Prior to 1959 -- ACCURATE VALUE NOT AVAILABLE.

COMPARATIVE CAPABLE WELL COUNT AS AT DECEMBER 31ST

OIL WELLS	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
ACHESON	110	110	110	110	108	109	110	109	113	113
BONNIE GLEN	131	144	150	153	158	159	159	159	167	170
CROSSFIELD						5	80	130	142	151
ERSKINE	28	49	78	85	85	89	93	95	95	97
FENN BIG VALLEY	277	311	327	338	337	332	331	329	330	330
GILBY	1	5	52	71	84	94	102	110	143	139
INNISFAIL			1	15	65	86	91	92	92	92
JUARCAM	474	474	462	463	455	447	438	433	415	403
JOFFRE	60	186	284	300	392	411	398	400	250	209
JUDY CREEK						12	72	142	219	232
LEDUC WOODBEND	1,178	1,275	1,255	1,239	1,216	1,203	1,171	1,155	1,125	1,112
LLOYDMINSTER	376	385	355	334	288	259	242	220	201	196
PEMBINA	140	808	1,635	2,058	2,271	2,580	2,790	2,898	2,960	3,057
REDWATER	922	907	901	900	898	901	898	897	895	891
STETTLER	95	103	107	114	117	119	119	124	127	131
STURGEON LAKE SOUTH	7	41	89	110	124	129	131	131	131	147
SWAN HILLS					8	92	244	362	440	542
TURNER VALLEY	306	304	304	303	299	293	279	263	259	257
VIRGINIA HILLS					2	5	68	97	103	99
WAINWRIGHT	31	66	124	162	211	231	229	231	215	212
WILLESDEN GREEN			6	31	39	49	71	170	231	243
UNDEFINED POOLS	88	108	115	121	113	140	181	203	220	255
OTHER FIELDS	744	859	915	1,102	1,266	1,472	1,581	1,779	1,936	2,359
TOTAL OIL WELLS	5,068	6,135	7,390	8,016	8,336	9,217	9,876	10,519	11,809	11,437

COMPARATIVE CAPABLE WELL COUNT AS AT DECEMBER 31ST

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
<u>GAS WELLS</u>										
CESSFORD	-	-	-	-	16	19	38	44	50	56
COUNTESS	-	-	-	-	-	-	14	16	15	15
FORT SASKATCHEWAN	10	13	15	18	20	22	25	27	30	31
GORDONDALE	-	-	-	-	13	14	14	15	15	15
HUSSAR	-	-	-	-	-	15	22	29	33	33
LLOYDMINSTER	14	22	25	26	22	23	22	20	19	19
MEDICINE HAT	84	82	82	82	119	162	184	205	232	319
MORINVILLE	13	13	16	15	15	15	18	19	18	17
PENDANT D'OREILLE	12	12	12	15	19	19	19	20	22	24
PINCHER CREEK	-	-	-	3	9	10	13	16	22	21
POUCE COUPE	4	4	3	11	12	13	13	13	13	11
POUCE COUPE SOUTH	-	-	1	11	12	17	19	19	19	19
PROVOST	-	-	-	8	16	21	26	39	55	58
SMITH COULEE	3	3	3	3	9	11	14	15	15	15
SUFFIELD	15	17	22	22	21	24	24	24	24	24
TURNER VALLEY	96	95	96	95	96	98	98	99	99	100
VIKING KINSELLA	104	105	108	111	114	117	117	120	121	123
UNDEFINED POOLS	11	7	2	3	4	5	8	16	7	13
OTHER FIELDS	104	116	138	162	188	225	262	332	448	524
TOTAL GAS WELLS	470	489	523	585	705	830	950	1,088	1,257	1,437

COMPARATIVE CAPABLE WELL COUNT AS AT DECEMBER 31ST

	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
<u>SERVICE WELLS</u>										
<u>WATER DISPOSAL WELLS</u>	29	39	46	61	77	96	109	112	120	137
<u>WATER INJECTION WELLS</u>										
JOFFRE	-	-	-	26	27	28	43	47	39	31
PEMBINA	-	-	1	124	469	569	791	838	919	966
TURNER VALLEY	-	-	1	1	4	9	23	39	40	42
OTHER FIELDS	-	-	2	4	7	16	16	22	84	142
TOTAL	-	-	4	155	507	622	873	946	1,082	1,181
<u>GAS & LPG INJECTION WELLS</u>										
BOW ISLAND	-	-	15	15	15	15	14	14	14	14
PEMBINA	-	-	-	4	11	21	23	24	35	41
TURNER VALLEY	-	-	9	9	9	10	10	5	5	5
OTHER FIELDS	-	-	3	11	12	16	19	24	31	35
TOTAL	-	-	27	39	47	62	66	67	85	95
<u>OBSERVATION WELLS</u>	-	-	-	-	1	6	8	10	13	12
<u>CAPPED GAS WELLS</u>	491	609	713	766	871	981	1,127	1,314	1,388	1,466

DRILLING ACTIVITY 1954 -- 1963

PROVINCIAL SUMMARY

INITIAL COMPLETIONS

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
OIL	673	1,145	1,368	874	959	877	985	783	688	869
GAS	14	8	15	3	12	11	22	18	29	24
CAPPED GAS	126	130	123	122	215	231	254	326	243	251
POTENTIAL WATER DISPOSAL	-	4	1	5	3	3	1	2	2	3
WATER DISPOSAL	2	8	3	6	5	4	1	1	3	4
POTENTIAL WATER INJECTION	-	-	-	-	-	-	-	2	2	3
WATER INJECTION	-	1	1	1	75	12	48	30	2	2
POTENTIAL OBSERVATION	-	-	-	-	-	-	-	-	-	-
OBSERVATION	-	-	1	-	1	1	-	-	1	-
SALT WELL	-	-	-	1	-	-	-	1	-	-
POTENTIAL GAS INJECTION	-	-	-	-	-	-	-	1	-	1
GAS INJECTION	-	-	-	-	1	3	1	-	1	-
GAS REPRODUCER	-	-	-	-	6	2	-	-	-	-
POTENTIAL FARM GAS	-	-	-	-	-	-	-	-	-	-
FARM GAS	-	-	-	-	-	1	1	-	1	-
OIL SAND EXPERIMENTAL WELL	-	-	-	-	2	1	8	2	-	6
ABANDONED OIL SAND EXPERIMENTAL WELL	-	-	-	-	6	-	-	-	-	-
ABANDONED	363	331	386	436	440	456	443	445	584	560
EQUIPMENT TESTING	-	-	-	-	-	1	-	-	-	-
REFINERY DISPOSAL	-	-	-	-	-	-	1	-	-	-
SUSPENDED	-	-	-	-	-	-	-	-	41	35

TOTAL INITIAL COMPLETIONS

1,178 1,627 1,898 1,448 1,728 1,602 1,766 1,611 1,597 1,758

LICENCES ISSUED

DEVELOPMENT	846	1,318	1,472	758	264	357	288	1,075	1,027	1,183
OUTPOST	74	53	41	16	71	59	87	77	49	75
SHALLOW POOL TEST	-	-	-	-	-	-	-	1	1	-
DEEP POOL TEST	21	41	44	17	18	29	31	41	48	32
WILDCAT	362	318	357	13	358	389	356	383	459	444

TOTAL LICENCES ISSUED

1,304 1,730 1,914 804 711 834 762 1,577 1,584 1,734

RIGS OPERATING

139 171 143 134 134 162 129 128 127 127

FOOTAGE DRILLED

DEVELOPMENT	3,574,240	6,201,839	7,695,927	4,811,872	6,506,974	6,112,071	7,210,648	6,986,249	5,945,022	6,685,162
OUTPOST	283,109	269,549	215,523	283,641	417,073	339,886	588,053	559,992	346,632	397,069
DEEP POOL TEST	116,705	164,294	212,366	278,074	183,802	217,648	232,681	258,456	262,450	223,100
WILDCAT	700,705	1,808,896	1,969,763	2,098,938	2,008,863	2,139,939	2,177,712	2,137,516	2,546,740	2,501,460
FIELD WILDCAT	-	-	-	-	-	-	-	-	5,835	-

TOTAL FOOTAGE DRILLED

5,674,759 10,444,578 10,093,579 7,472,525 9,116,712 8,809,544 10,149,097 9,942,272 9,106,679 9,806,791

ANNUAL DRILLING ACTIVITY IN ALBERTA - SUBDIVIDED ACCORDING TO THE LAHEE CLASSIFICATION SYSTEM

WELLS DRILLED DEVELOPMENT CATEGORY										
	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
DEVELOPMENT	765	1,199	1,373	869	950	999	1,089	1,018	945	1,051
DEVELOPMENT SERVICE WELLS	-	9	5	8	82	35	42	34	3	7
EXPLORATORY CATEGORY										
OUTPOST	63	61	105	121	90	127	149	156	167	189
SHALLOWER-POOL TEST	2	5	4	14	8	-	-	1	-	-
DEEPER-POOL TEST	3	20	21	14	15	12	19	13	17	10
NEW-POOL WILDCAT	45	19	50	85	58	21	55	45	74	107
NEW-FIELD WILDCAT	318	307	298	339	347	405	338	336	342	307
TOTAL WELLS	1,193	1,620	1,856	1,450	1,550	1,587	1,674	1,590	1,531	1,661

EACH DEEPER-POOL TEST DRILLED DURING 1954 AND 1959 TO 1963, INCLUSIVE, HAS BEEN LISTED UNDER BOTH THE DEVELOPMENT AND DEEPER-POOL TEST CLASSES BUT COUNTED ONLY ONCE IN THE TOTALS. EACH DEEPER-POOL TEST DRILLED DURING 1955 TO 1958, INCLUSIVE, HAS BEEN LISTED UNDER THE DEEPER-POOL TEST CLASS ONLY.

FOOTAGE DRILLED										
DEVELOPMENT CATEGORY										
DEVELOPMENT	3,573,030	6,150,923	7,305,967	4,626,744	5,123,566	5,570,524	6,895,245	6,687,793	5,688,052	6,192,850
DEVELOPMENT SERVICE WELLS	-	53,937	22,676	53,033	458,747	185,640	230,611	194,667	20,512	32,783
EXPLORATORY CATEGORY										
OUTPOST	313,943	290,562	571,960	607,912	461,054	704,587	832,747	942,455	956,979	1,208,124
SHALLOWER-POOL TEST	3,447	19,196	18,969	81,897	31,554	-	-	956	-	-
DEEPER-POOL TEST	6,525	23,100	30,963	20,787	22,855	25,771	33,798	20,353	22,134	20,631
NEW-POOL WILDCAT	199,015	104,083	242,969	422,242	342,227	169,028	304,534	299,642	409,262	590,345
NEW-FIELD WILDCAT	1,652,899	1,773,980	1,705,061	1,810,778	1,938,614	2,184,228	2,078,876	2,055,486	2,009,740	1,762,052
TOTAL FOOTAGE	5,748,859	8,415,781	9,898,565	7,623,393	8,378,617	8,839,778	10,375,811	10,201,352	9,106,679	9,806,785

WITH REFERENCE TO EACH DEEPER-POOL TEST, FOOTAGE BELOW THE ESTABLISHED POOL IS LISTED UNDER THE DEEPER-POOL TEST CLASS AND FOOTAGE ABOVE THE BASE OF THE ESTABLISHED POOL IS LISTED UNDER THE DEVELOPMENT CLASS,

SOURCE OF INFORMATION: 1954 TO 1961, INCLUSIVE: "BOX SCORE", CANADIAN OIL AND GAS INDUSTRIES, APRIL ISSUES, 1955 TO 1962 INCLUSIVE, 1962 TO 1963: PRIVATE COMPANY SOURCES AND OIL AND GAS CONSERVATION BOARD.

COMPARATIVE STATEMENT OF CRUDE OIL POSTED
WELLHEAD PRICE PER BARREL AS AT DECEMBER 31

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
ACHESON	\$2.485	\$2.54	\$2.54	\$2.68	\$2.61	\$2.47	\$2.47	\$2.57	\$2.67	\$2.67
ALIX	-	-	-	-	-	-	-	-	2.55	2.55
ARMISTIE	2.605	2.52	2.52	2.66	2.59	2.45	2.45	2.55	2.55	2.65
BATTLE	-	-	2.36	2.50	2.43	2.29	2.29	2.39	2.49	2.49
BATTLE NORTH	-	-	2.36	2.50	2.43	2.29	2.29	2.39	2.49	2.49
BATTLE SOUTH	-	-	2.36	2.50	2.43	2.29	2.29	2.39	2.49	2.49
BIGORAY	-	-	-	-	-	-	-	-	2.24	2.24
BONNIE GLEN	2.70	2.63	2.645	2.83	2.76	2.62	2.62	2.72	2.83	2.83
CARDIUM	-	-	-	-	-	2.41	2.41	2.51	2.62	2.62
BUFFALO LAKE	-	-	-	-	-	-	-	-	1.99	1.965
CARSON CREEK NORTH	-	-	-	-	-	-	-	2.44	2.66	2.66
CESSFORD	-	-	-	-	-	1.3675	1.3675	1.4675	1.5675	1.5675
CLIVE	-	2.305	2.45	2.59	2.52	2.38	2.38	2.48	2.58	2.58
CROSSFIELD	-	-	-	-	-	-	-	2.38	2.495	2.495
DEER MOUNTAIN	-	-	-	-	-	-	-	2.36	2.57	2.59
DRUMHELLER	-	-	-	-	2.07	1.93	1.93	2.03	2.13	2.13
DUHAMEL	2.50	2.49	2.56	2.66	2.59	2.45	2.45	2.55	2.65	2.62
ERSKINE	-	1.79	1.90	2.04	1.97	1.83	1.83	1.94	2.04	2.04
EXCELSIOR	2.56	2.46	2.46	2.60	2.53	2.39	2.39	2.49	2.59	2.59
FAIRYDELL BON ACCORD	-	2.46	1.89	2.03	1.98	1.84	1.84	1.94	2.04	2.04
FENN BIG VALLEY	2.29	2.135	2.20	2.34	2.27	2.13	2.13	2.23	2.33	2.33
FENN WEST	-	-	-	-	-	-	-	-	2.46	2.43
FERRIER	-	-	-	-	-	-	-	-	-	2.475
GARRINGTON	-	-	-	-	2.32	2.18	2.21	2.33	2.445	2.445
GARRINGTON SOUTH	-	-	-	-	-	-	-	-	2.385	2.385
GILBY VIKING	-	-	-	2.62	2.52	2.38	2.35	2.47	2.58	2.58
GABRIEL LAKE POOL	-	-	-	-	-	1.695	1.695	1.815	1.98	1.98
GLEN PARK BLAIRMORE	2.185	2.115	2.115	2.285	2.215	2.075	2.075	2.175	2.29	2.29
D-2 AND D-3	2.605	2.53	2.575	2.715	2.645	2.505	2.505	2.605	2.72	2.72
GOLDEN SPIKE	2.605	2.51	2.51	2.65	2.61	2.47	2.47	2.57	2.64	2.64
HARMATTAN EAST	-	-	-	-	2.41	2.24	2.24	2.38	2.525	2.555
HARMATTAN ELKTON	-	-	2.335	2.45	2.41	2.24	2.24	2.38	2.525	2.555
HESPERO	-	-	-	-	2.41	1.73	1.73	1.855	1.97	1.97
HOMEGLEN RIMEEY	-	-	-	2.66	2.59	2.45	2.45	2.57	2.685	2.685
MUSGAR	-	-	-	-	-	1.80	1.79	1.97	2.12	2.12
INNISFAIL BLAIRMORE	-	-	-	2.37	2.34	2.22	2.22	2.32	2.42	2.42
D-3	-	-	-	2.44	2.41	2.27	2.27	2.33	2.625	2.625
JOARCAM NORTH	2.53	2.46	2.46	2.60	2.53	2.39	2.39	2.49	2.59	2.59
JOARCAM SOUTH	2.53	2.45	2.45	2.59	2.52	2.38	2.38	2.48	2.58	2.58
JOFFRE VIKING & D-2 (1)	-	2.305	2.45	2.62	2.55	2.41	2.41	2.51	2.67	2.67
VIKING & D-2 (2)	-	2.305	2.45	2.62	2.55	2.41	2.41	2.53	2.64	2.64
BLAIRMORE	-	-	-	-	2.45	2.41	2.41	2.53	2.64	2.64
D-2 SOUTH OF TWP. 39	-	-	-	2.55	2.25	1.86	1.86	1.98	2.095	2.095
D-2 NORTH OF TWP. 39	-	-	-	2.65	2.45	2.34	2.34	2.46	2.605	2.605
JUDY CREEK	-	-	-	-	2.55	2.29	2.29	2.39	2.52	2.52
JUDY CREEK SOUTH	-	-	-	-	-	-	2.31	2.43	2.665	2.715
KAYBOB	-	-	-	-	-	-	-	-	-	2.65
KAYBOB SOUTH	-	-	-	-	-	2.44	2.44	2.54	2.69	2.695
LANAWAY	-	-	-	-	-	-	-	2.4	2.44	2.44
LEATLAND	-	-	-	-	-	-	-	2.36	2.55	2.545

1954 - 1963

COMPARATIVE STATEMENT OF CRUDE OIL POSTED
WELLHEAD PRICE PER BARREL AS AT DECEMBER 31

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
LEDUC WOODBEND	2.665	2.60	2.60	2.74	2.67	2.53	2.53	2.63	2.76	2.76
LITTLE SMOKY	-	-	-	-	2.49	2.35	2.22	2.32	2.47	2.465
MALMO D-2 AND BLAIRMORE	2.60	2.56	2.59	2.73	2.66	2.52	2.52	2.62	2.72	2.72
D-3	2.51	2.46	2.49	2.63	2.56	2.42	2.42	2.52	2.62	2.62
MEDICINE RIVER	-	-	-	-	-	1.715	1.715	1.835	1.98	1.98
NEW NORWAY	-	-	-	-	-	-	-	-	1.95	1.95
D-2	2.60	2.56	2.59	2.73	2.66	2.52	2.52	2.62	2.72	2.72
D-3	2.42	2.29	2.32	2.46	2.39	2.25	2.25	2.35	2.45	2.45
PEAVEY	-	-	1.89	2.03	1.98	1.84	1.81	1.91	2.01	2.04
PEMBINA	2.43	2.52	2.52	2.61	2.52	2.38	2.38	2.48	2.55	2.55
REDWATER	2.555	2.49	2.49	2.63	2.56	2.42	2.42	2.52	2.62	2.62
ROSEBUD	-	-	-	-	-	1.67	1.63	1.73	1.83	1.83
ROWLEY	-	-	-	-	-	-	-	2.00	2.10	2.075
SIMONETTE	-	-	-	-	-	-	-	-	-	2.685
SNIPE LAKE	-	-	-	-	-	-	-	-	-	2.41
ST. ALBERT-BIG LAKE	-	-	-	-	2.37	2.26	2.29	2.39	2.52	2.52
STETTLE	-	1.97	2.09	2.23	2.16	2.02	2.02	2.12	2.22	2.22
STETTLE SOUTH	-	-	-	2.04	1.965	1.825	1.825	1.925	2.025	2.055
STURGEON LAKE D-3	-	-	2.29	2.53	2.46	2.32	2.19	2.29	2.44	2.405
TRIASSIC	-	-	-	2.305	2.235	2.095	1.965	1.965	2.285	2.305
SUNDRE RUNDLE	-	-	2.115	2.26	2.19	2.05	2.05	2.19	2.305	2.305
BASAL BLAIRMORE	-	-	-	-	-	-	2.39	2.53	2.645	2.645
SWAN HILLS, NORTH OF TWP. 68	-	-	-	-	-	-	2.23	2.36	2.55	2.64
SOUTH OF TWP. 68	-	-	-	-	-	-	2.23	2.49	2.66	2.68
SYLVAN LAKE, PEKISKO	-	-	-	-	-	-	-	-	-	1.95
TURNER VALLEY	2.735	2.665	2.665	2.55	2.48	2.33	2.385	2.485	2.60	2.60
TWINING	-	-	-	-	-	-	-	-	1.97	1.97
TWINING NORTH	-	-	-	-	-	-	-	-	1.89	1.89
VIRGINIA HILLS	-	-	-	-	-	-	2.16	2.34	2.54	2.56
WAYNE ROSEDALE	-	-	-	-	-	1.79	1.66	1.76	1.86	1.86
WEST DRUMHELLER	-	-	2.44	2.61	2.54	2.40	2.40	2.50	2.60	2.60
WESTEROSE	-	2.63	2.645	2.83	2.76	2.62	2.62	2.72	2.83	2.83
WESTWARD HO	2.70	-	2.305	2.42	2.35	2.21	2.21	2.35	2.465	2.435
WILLESSEN GREEN	-	-	-	2.73	2.64	2.50	2.50	2.60	2.70	2.67
WIMBORNE D-2	-	-	-	-	-	-	-	1.92	1.035	2.07
D-3	-	-	-	-	-	-	-	2.09	2.205	2.205
WIZARD LAKE BLAIRMORE	-	-	-	-	-	2.305	2.305	2.405	2.52	2.52
D-2	-	-	-	2.715	2.645	2.475	2.475	2.575	2.69	2.69
D-3	-	2.53	2.575	2.715	2.645	2.505	2.505	2.605	2.72	2.72
YEKAU LAKE	2.60	-	2.575	-	-	-	-	-	2.73	2.76
	-	-	-	-	-	-	-	-	-	-

(1) INTO LINES OF BRITAMOIL PIPELINE
(2) INTO LINES OF RANGELAND PIPELINE.

